

बिड दस्तावेज़ / Bid Document

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	01-01-2026 17:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	01-01-2026 17:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Ministry Of Heavy Industries And Public Enterprises
विभाग का नाम/Department Name	Department Of Heavy Industry
संगठन का नाम/Organisation Name	N/a
कार्यालय का नाम/Office Name	National Automotive Board
कुल मात्रा/Total Quantity	1
वस्तु श्रेणी /Item Category	SITC of Large Climatic Chamber with Integration of 6000kgf ED Vibration Shaker
GeMARPTS में खोजी गई स्ट्रिंग्स / Searched Strings used in GeMARPTS	Climatic Chamber
GeMARPTS में खोजा गया परिणाम / Searched Result generated in GeMARPTS	Humidity Chamber, water baths, Environmental Chamber, Inoculation Chamber, Stability Chamber, Sterilization Chamber, Plant Growth Chamber, Neubauer Chamber / hemocytometer, Posterior Chamber Intraocular Lens (PCIOL), Salt Spray Chamber
अधिसूचना के लिए चयनित प्रासंगिक श्रेणियाँ / Relevant Categories selected for notification	<ul style="list-style-type: none"> Environmental Chamber
मूल उपकरण निर्माता का औसत टर्नओवर (गत 3 वर्षों का)/OEM Average Turnover (Last 3 Years)	600 Lakh (s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service	3 Year (s)
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है/MSE Exemption for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है /Startup Exemption for Years of Experience and Turnover	No

बिड विवरण/Bid Details	
विक्रेता से मांगे गए दस्तावेज़/ Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC),Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/ Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	5
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	7
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	3
विगत प्रदर्शन / Past Performance	20 %
बिड से रिवर्स नीलामी सक्रिय किया/ Bid to RA enabled	Yes
रिवर्स नीलामी योग्यता नियम/ RA Qualification Rule	H1-Highest Priced Bid Elimination
बिड का प्रकार/ Type of Bid	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय / Time allowed for Technical Clarifications during technical evaluation	5 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/ Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
मूल्यांकन पद्धति/ Evaluation Method	Total value wise evaluation
मध्यस्थता खंड/ Arbitration Clause	No
सुलह खंड/ Mediation Clause	No

ईएमडी विवरण/EMD Detail

एडवाइजरी बैंक/Advisory Bank	HDFC Bank
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ईएमडी राशि/EMD Amount	400000
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ईपीबीजी विवरण /ePBG Detail

एडवाइजरी बैंक/Advisory Bank	HDFC Bank
ईपीबीजी प्रतिशत (%) /ePBG Percentage(%)	5.00
ईपीबीजी की आवश्यक अवधि (माह) /Duration of ePBG required (Months).	29

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित कैटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने है। एमएसई कैटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

लाभार्थी /Beneficiary :

International Centre For Automotive Technology
 Unit - National Automotive Board (NAB), Plot No. 26, Sector - 3, Near HSIIDF Office, IMT Manesar, Gurugram - 122051 (Haryana)
 (International Centre For Automotive Technology)

बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

एमआईआई खरीद वरीयता / MII Purchase Preference

एमआईआई खरीद वरीयता / MII Purchase Preference	Yes
मेक इन इंडिया विक्रेताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में है / Purchase Preference to MII sellers available upto price within L1+X%	20
मेक इन इंडिया खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MII purchase preference	50
सार्वजनिक खरीद (मेक-इन-इंडिया को प्राथमिकता) आदेश 2017 के अनुसार केवल क्लास 1/क्लास 2 के स्थानीय आपूर्तिकर्ताओं को ही भागीदारी की अनुमति है दिनांक 16.09.2020 (समय-समय पर संशोधित एवं लागू) / Allow participation only from Class 1/Class 2 local suppliers as per the Public procurement(Preference to Make-in-india) order 2017 date 16.09.2020(as amended and applicable time to time)	Yes, in compliance with the MII ORDER : DPIIT Order(as amended and applicable time to time)

एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	Yes
सूक्ष्म और लघु उद्यम मूल उपकरण निर्माताओं को खरीद में प्राथमिकता, यदि उनका मूल्य L1+X% तक की सीमा में हो / Purchase Preference to MSE OEMs available upto price within L1+X%	15
सूक्ष्म और लघु उद्यम को खरीद में प्राथमिकता के लिए बिड की मात्रा का अधिकतम प्रतिशत / Maximum Percentage of Bid quantity for MSE purchase preference	25

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. OEM Turn Over Criteria: The minimum average annual financial turnover of the OEM of the offered product during the last three years, ending on 31st March of the previous financial year, should be as indicated in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the OEM is less than 3 year old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.

3. Preference to Make In India products (For bids < 200 Crore): Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

4. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 [OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012

and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

5. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 20% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

6. Reverse Auction would be conducted amongst all the technically qualified bidders except the Highest quoting bidder. The technically qualified Highest Quoting bidder will not be allowed to participate in RA. However, H-1 will also be allowed to participate in RA in following cases:

- If number of technically qualified bidders are only 2 or 3.
- If Buyer has chosen to split the bid amongst N sellers, and H1 bid is coming within N.
- In case Primary product of only one OEM is left in contention for participation in RA on elimination of H-1.
- If L-1 is non-MSE and H-1 is eligible MSE and H-1 price is coming within price band of 15% of Non-MSE L-1
- If L-1 is non-MII and H-1 is eligible MII and H-1 price is coming within price band of 20% of Non-MII L-1

एक्सेल में अपलोड किए जाने की आवश्यकता /Excel Upload Required :

Price Breakup - [1764928492.xlsx](#)

Pre Bid Detail(s)

मूल्य भिन्नता खंड दस्तावेज़/Pre-Bid Date and Time	प्री-बिड स्थान/Pre-Bid Venue
24-12-2025 15:00:00	CTL Meeting Room, International Centre For Automotive Technology, Plot No. 26, Sector - 3, Near HSIIDC, IMT Manesar, Gurugram - 122051

SITC Of Large Climatic Chamber With Integration Of 6000kgf ED Vibration Shaker (1 Unit)

(क्रमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक/Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively)

तकनीकी विशिष्टियाँ /Technical Specifications

क्रेता विशिष्टि दस्तावेज़ /Buyer Specification Document	Download
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परेषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.No.	परेषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Girish Chander	122051,INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY Plot No 26, Sector 3, HSIIDC, IMT-Manesar, Gurgaon 122050	1	140

Buyer added Bid Specific Additional Scope of Work

क्र.सं./S.N o.	Document Title	Description	रिवर्स प्रभार के अनुसार जीएसटी/Applicable i.r.o. Items
1	Detailed Technical Specification View	Please Refer Attached Technical Specification and ATC Document	SITC Of Large Climatic Chamber With Integration Of 6000kgf ED Vibration Shaker(1)

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$, subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

2. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

3. Warranty

Warranty period of the supplied products shall be 2 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

4. Buyer Added Bid Specific ATC

Buyer uploaded ATC document [Click here to view the file.](#)

अस्वीकरण/Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.

For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.

The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.

यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---

Additional Terms & Conditions (ATC)

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NIT (Notice Inviting Tender)

The Director, International Centre for Automotive Technology (ICAT), having GST No. 06AABAN9435G2ZI, a division of the National Automotive Board (NAB) under the Government of India, hereby invites proposals under Two-Bid System (Technical Bid and Financial Bid) from experienced and eligible bidders for **“Supply, Installation, Testing and Commissioning of Large Climatic Chamber (2.5 M X 2.5 M X 2.5 M) to be Integrated with 6000 KGF ED Vibration Shaker at ICAT Centre - 1, Manesar (Haryana)”**.

Tender Activity Schedule

Scope of Supply	Supply, Installation, Testing and Commissioning of Large Climatic Chamber (2.5 M X 2.5 M X 2.5 M) to be Integrated with 6000 KGF ED Vibration Shaker at ICAT Centre - 1, Manesar (Haryana)
Detailed Technical Specification	Please Refer “Annexure - A”
Site Location	CTL Department at ICAT Centre - 1, Manesar (Haryana)
Earnest Money Deposit (EMD) Or Bid Security Declaration	<p>Earnest Money Deposit (EMD): INR 4,00,000/- (Rupees Four Lakh Only) shall be submitted in form of DD/Bank Guarantee/Banker’s Cheque & FDR drawn in favour of “International Centre for Automotive Technology”, payable at Manesar/ Gurugram valid for at least six months from any branch of Delhi/NCR of Indian scheduled Bank or Online through RTGS/NEFT/Internet Banking in Beneficiary Name “International Centre for Automotive Technology”.</p> <p style="text-align: center;">Or</p> <p>Firms who are registered with NSIC for the tendered item /Start-ups/ Micro and Small Enterprises (MSEs) as defined in MSE Procurement Policy issued by Department of Micro, Small and Medium Enterprises (MSME) or are registered with the Central Purchase Organization or the concerned Ministry or Department, are exempted from payment of EMD but these firms should submit a copy of the registration along with the Technical Bid. (The certificate should be valid for at least 6 months from the date of submission of bids).</p> <p>Note: Traders/Distributors/Sole agents/Work contracts are not eligible for benefits under MSME category.</p> <p style="text-align: center;">Or</p> <p>In place of a Bid security, Bidders can submit Bid securing declaration as per “Form IV” accepting that if they withdraw or modify their Bids during the period of validity, or if they are awarded the contract and they fail to sign the contract, or to submit a performance security before the deadline defined in the request for bids document, they will be suspended for the period of 1 year from the date of opening of this bid from being eligible to submit Bids for contracts with the ICAT that invited the Bid.</p>
Eligibility Criteria	Please Refer “Annexure - D” of the ATC Document
Site Visit	Prospective bidders are strongly advised to undertake a site visit to the existing Electrodynamic (ED) Vibration Shaker installed at the Component Test Lab (CTL) prior to the submission of their bids. The purpose of the site visit is to enable bidders to obtain all necessary information regarding the existing system setup, technical specifications, site conditions, and any other relevant operational aspects, so as to facilitate the preparation of a complete, accurate, and responsive proposal.

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	<p>The site visit is optional but highly recommended. All costs and expenses related to the site visit, including travel, accommodation, and any other incidental expenditures, shall be borne entirely and exclusively by the bidder.</p> <p>Site Visit Schedule</p> <ul style="list-style-type: none"> • Permissible Period: From 8th December' 2025 to 29th December' 2025 • Timings: Between 09:00 Hrs to 16:00 Hrs (Indian Standard Time) on working days only <p>Bidders intending to visit the site shall be required to submit a written request to the Purchaser at least two (2) working days in advance of the proposed date of visit. This is to ensure adequate coordination and to facilitate necessary access permissions. The Purchaser (ICAT) shall not be responsible for any logistical arrangements or expenses incurred by the bidders in connection with the site visit.</p>
<p>The Last Date of Receipt of Queries if any,</p>	<p>Submission of Pre-Bid Queries Bidders are required to submit their queries, if any, in writing to <i>E-mail ID by 23rd December' 2025 up to 1700 Hrs.</i></p>
<p>Date for Clarification Meeting</p>	<p>Pre-Bid Meeting shall be held to address queries and provide clarifications regarding the scope of work, technical requirements, and the bid submission process.</p> <ul style="list-style-type: none"> ➤ Date: 24th December' 2025 ➤ Time: 14:00 Hrs. ➤ Venue: CTL Meeting Room, International Centre for Automotive Technology (ICAT), Plot No. 26, Sector - 3, IMT Manesar, Gurugram - 122051, Haryana ➤ Mode: Physical or Virtual Meeting <p>All interested bidders are encouraged to attend the pre-bid meeting to seek necessary clarifications before submission of their bids.</p>

ICAT Bank Details for NEFT/RTGS (In case any bidder deposits the EMD of INR 4,00,000/- through NEFT/RTGS)

HDFC Bank Details (Saving A/c for transactions in INR Only); -

Beneficiary Name	International Centre for Automotive Technology
Bank Name	HDFC Bank Ltd.
Branch	Plot-K, Sector-2, Manesar-122051 Haryana
Account No.	05891450000118
Account Type	Saving
RTGS IFSC Code	HDFC0000589
Swift Code	HDFCINBB
MICR Code	110240079

- ICAT reserves the right to reject/modify/cancel the tender without assigning any reason thereof.

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Annexure - A

Detailed Technical Specification and Scope of Work

The Director, International Centre for Automotive Technology (ICAT), having GST No. 06AABAN9435G2ZI, a division of the National Automotive Board (NAB) under the Government of India, hereby invites proposals under Two-Bid System (Technical Bid and Financial Bid) from experienced and eligible bidders for **“Supply, Installation, Testing and Commissioning of Large Climatic Chamber (2.5 m X 2.5 m X 2.5 m) to be Integrated with 6000 kgf ED Vibration Shaker at ICAT Centre - 1, Manesar (Haryana)”**.

A.1 Scope of Supply Details:

Description	Quantity	Delivery Location	Target Completion Timeline from the Date of Award of GeM Contract/Purchase Order
Supply, Installation, Testing and Commissioning of Large Climatic Chamber (2.5 m X 2.5 m X 2.5 m) to be Integrated with 6000 kgf ED Vibration Shaker at ICAT Centre - 1, Manesar (Haryana)	1 Unit	CTL Department at ICAT Centre - 1, Manesar (Haryana)	<ul style="list-style-type: none"> ➤ Delivery of Equipment: The complete equipment and associated components shall be delivered to the premises of International Centre for Automotive Technology (ICAT) within a period of One Hundred Twelve (112) Calander Days from the date of issuance of the GeM Contract/Purchaser Order. ➤ Installation & Commissioning (I&C): The successful bidder shall complete the installation, testing, commissioning and financial acceptance activities within Twenty-Eight (28) Calander Days upon formal handover of the Site. ➤ Site Handover: The installation and commissioning period shall commence only upon formal handover of the site by ICAT to the successful bidder.

A.2 Technical Specifications of Large Climatic Chamber for 6 Ton ED Vibration Shaker:

SI No.	Technical Parameter	Technical Specifications
1	General Comments	<ul style="list-style-type: none"> ➤ Ramp rate for Climatic Chamber is Considering with Load of Maximum 450 kg ➤ All Dimensions are Approximate. Different options for sizes are accepted if volume is Complying and Samples Can Fit Correctly.

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2	Dimensions and Main Characteristics	<p>The characteristics listed below shall be considered minimum requirements apart from any other characteristic required for the compliance with the standards and/or feasibility to perform the tests in the described manner.</p> <p>The supplier shall specify the inner and outer dimensions of the climatic chambers depending on the standardization degree available. This equipment is intended to be used for more than one test.</p>
3	Large Climatic Chamber	<ul style="list-style-type: none"> ➤ 2.5 m (L) X 2.5 m (B) X 2.5 m (H) approx. inner dimensions. ➤ Minimum volume: 15.63 m³. ➤ Temperature range: -40 °C to + 180 °C ➤ Temperature accuracy at steady state. <ul style="list-style-type: none"> ○ In time: ± 2 °C ○ In space: ± 2 °C ○ Resolution: ± 0.1 °C. ➤ 5 °C /min cooling and heating with load of Maximum 450 kg. ➤ Humidity control from 20 to 95% relative humidity between 20 °C to 90 °C. (Performance will be checked at 50% @ 20 °C & 95% @ 50 °C) ➤ Accuracy ± 5% relative humidity (In time).
4	Integration of Climatic Chamber with Electrodynamic Vibration Shaker	<p>The chamber is to be integrated with the 6000 kgf ED Vibration Shaker (ED Shaker is already available with ICAT) with Head Expander, Armature Coil and Horizontal Slip Table (with suitable thermal barrier). The chamber supplier shall supply all items required for the interface with shaker. The following are important details.</p> <ol style="list-style-type: none"> a. Size of Head Expander = 1.2 m x 1.2 m (guide HE with VLS/LSP). b. Size of Slip Table = 1.2 m x 1.2 m c. Max. displacement = 75 mm (p-p) <p>The chamber should have provision of movement in vertical/ Z direction for easy interface with shaker.</p> <p>Chamber should have provisions for Mounting of racks for partition or test utility box (weight 40 kg) on to the side walls of the chamber.</p> <p>Chamber should have bottom floor for easy integration with shaker or to be used as standalone system, by providing suitable cut-out enclosure (insulated panels same as like floor of chamber).</p> <p>Note: - Climatic Chamber should integrate the Vertical Load Support (VLS)/LSP System of Vibration Shaker which will be guided at 4 corners (size of guided HE & Slip Table = 1.2 m x 1.2 m). The top surface of VLS/LSP should match/flush with the floor level of bottom of chamber. The CAD Drawing of VLS/LSP will be provided to the successful bidder.</p>
5	Chamber Construction and Features	<ol style="list-style-type: none"> 1. Chamber Structure: The climate chamber shall be a self-supporting structure.

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		<p>2. Chamber Movements: Motorized movements to integrate with vibration shaker Vertical: Total Travel 1 Meter Up & Down from the ED Shaker Slip Table.</p> <p>3. Chamber Construction</p> <p>3.1 Dimensions:</p> <ul style="list-style-type: none"> ➤ Internal Usable Dimensions: Depth: 2500 mm ±2% Width: 2500 mm ±2% Height: 2500 mm ±2% ➤ External Dimensions: Supplier to specify external dimensions, footprint, and weight in the bid documentation. <p>3.2 Material:</p> <ul style="list-style-type: none"> ➤ Interior to be constructed from corrosion-resistant stainless steel 304 with TIG-welded joints -3rd party certificate required. ➤ Reinforced bottom flooring to handle at least 450 kg distributed load <p>3.3 Chamber Base Plate Type:</p> <ul style="list-style-type: none"> ➤ Base plate-1: Cutout of 1200 mm X 1200 mm in the center of chamber for the integration with Vibration shaker head expander and slip table along with its cover for stand-alone use. <i>Cover: It is made of the same material as the base plate and used in stand-alone condition testing to avoid heat losses.</i> ➤ Base plate-2: Cutout of Dia 450 mm for the integration with Vibration shaker armature along vertical axis with its cover. <p>3.4 Chamber base plate Payload Capacity:</p> <ul style="list-style-type: none"> ➤ Chamber Base Plate: Minimum of 450 kg distributed load. To be verified with the dead weight of 25 kg Each. <p>3.5 Doors and Windows</p> <ul style="list-style-type: none"> ➤ Doors: Double swing doors with a clear opening of 2500 mm width and 2500 mm Height. ➤ Viewing Window: This door shall have a heated multilayer glass inspection window of approx. 40 cm X 40 cm. ➤ Insulation: PU foam and non-combustible glass wool/mineral wool with a K-factor of 0.11 or better to ensure minimal heat transfer-3rd party certificate required. <p>3.6 Internal Illumination (Safety)</p> <ul style="list-style-type: none"> ➤ Illumination Design: Concealed lighting within chamber walls/roof. ➤ A light source of lux value between 400 - 500 lux at +20°C inside the chamber to increase the visibility of the interior. <p>3.7 DM Water Requirements for Humidity Control</p> <ul style="list-style-type: none"> ➤ Supplier to specify the DM water requirements, including: Piping and plumbing connections.
6	Control & Monitoring System	<ul style="list-style-type: none"> ➤ The control shall be in a secure place next to the climatic chamber.

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		<ul style="list-style-type: none"> ➤ The control system shall consist of a computer with a universal control system with which the temperature, relative humidity, condition variation speed, etc. will be able to be set. The system shall also display all measured data in an adequate way. The test routines will be saved as specific commands to make the test easier and faster without the necessity of programming every test each time. Whenever it is necessary to carry out a different or special test, it will be possible to program it at this control station. ➤ The control station will have at least outputs for temperature and for relative humidity, and two input channels: one for the temperature and one for the relative humidity. <p>The bidder shall also include a control system for following minimum specifications:</p> <ul style="list-style-type: none"> ➤ PC installed with Colour printer and RS232 LAN connection. ➤ PLC Control System: Microprocessor-based PLC system for precise control and monitoring. <p>3.8 Control Panel:</p> <ul style="list-style-type: none"> ➤ Minimum 10-inch color touch panel with LED backlight, featuring power ON/OFF switch, safety power switch, and other controls. ➤ Data logging with at least 8 GB internal storage, exportable in CSV and other formats. <p>3.9 Operating and Programming Modes:</p> <ul style="list-style-type: none"> ➤ Manual and programmable modes available (Setting and indication ranges). ➤ Constant operation: Temperature: -40 to +180° C ➤ Programming operation: ➤ Temperature: -40 to +180° C ➤ Time: 0 to 9999 hours 59min ➤ Cyclic operation: ➤ High temperature soak +25 to +180° C ➤ Low temperature soak -40 to 25° C ➤ Soak time- 1min to 99 hours 59 min ➤ Ramp rate: 0.1° C/min to 5° C/min or more ➤ Program segments for ramp-up/down, ramp rates, constant temperature, delayed start, and start from any segment. <p>3.10 Auto Restart: Automatic resumption of operations from the last point after power restoration.</p> <p>3.11 Status Display: Real-time display of breakdowns and alarm messages on the controller.</p> <p>3.12 Program and Auto-Tuning Features:</p> <ul style="list-style-type: none"> ➤ Supports at least 99 programs, each with 99 segments, and nesting capability for up to 500 loops. ➤ Auto-tuning for optimal system performance. <p>3.13 Calibration: Allows calibration of selected temperature values via the controller.</p>
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		<p>3.14 Communication Interface: High-speed Ethernet for seamless connectivity and data transfer.</p> <p>3.15 Functional Access: Password-protected, menu-driven system to prevent unauthorized access to calibration and PID tuning. Service menu password with PID parameters must be provided.</p> <p>Remote Monitoring: Fully web-enabled, Ethernet-compatible, with internet-ready access from any device (PC, tablet, mobile). Email notifications for chamber status monitoring.</p> <ul style="list-style-type: none"> ➤ Reading of temperature and humidity instant values. ➤ Graphical representation of Cyclic programs for Temperature and Humidity readings. ➤ Monitoring of the equipment status: alarms, pressures, cooling water temperature. ➤ Main control of the chamber: set points, on/off. ➤ Possible programming of test cycles according regulation testing procedures and OEM's testing specifications (temp/HR/time). ➤ Data record of the test: temperature of the chamber, humidity and alarms. ➤ Provision for plotting the data acquire through analog / digital ports. ➤ Test cycle report generation for the selected channels through software. ➤ Easy and fool proof programming of cycles using the software. ➤ Emergency stop system.
7	Control Features Software	<ul style="list-style-type: none"> ➤ Compatibility: Windows-based software compatible with Windows 10 or higher, with a perpetual license. ➤ User Interface: Software supports logging, plotting, programming, and viewing process variables and set points. ➤ Data Export: Ability to export logged data in Excel, Word, or PDF formats. ➤ Software Setup: Provided on pen drive or CD. ➤ Control Modes: Supports both manual and auto mode operations. ➤ Communication Interface: Ethernet interface for controlling the chamber through PC software.
8	Other Test Space Requirements	<ul style="list-style-type: none"> ➤ Humidity Control: Capacitive humidity sensor with automatic purge system and condensation protection features. Control shall be precise to meet the test humidity and homogeneity requirements. Option to enable or disable the condensation protection for the test. Bidder to specify details of the dehumidification unit. ➤ Temperature Measurement and Monitoring: Standard sensors for measuring air temperature shall be provided, along with a free sensor for controlling and measuring the product temperature. A minimum of five additional adjustable thermocouples shall be included for monitoring the temperature of the Device Under Test

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		<p>(DUT). The chamber controller software/HMI display shall provide provisions for monitoring all temperature measurements.</p> <ul style="list-style-type: none"> ➤ Air Circulation: The chamber shall utilize a forced air convection system with provisions for controlling the air circulating fan speed. The bidder/chamber manufacturer must also provide the air velocity values at the center of the chamber.
9	Heating and Cooling Systems	<ul style="list-style-type: none"> • No direct radiation to the test specimen • Capable of heat compensation of 3000 Watts at 20°C and 8000 Watts at -20°C. • Cooling: <ul style="list-style-type: none"> ➤ Remote/Isolated Refrigeration: <ul style="list-style-type: none"> ▪ Refrigeration unit placed on the same floor as the test cabinet, with hoses running between them. ▪ Bidder to specify minimum and maximum allowable distances between unit and cabinet. ➤ Water-Cooled System: System must be water-cooled. Provide details on plumbing, water consumption, and required rating for the chiller in the Utility Matrix. ➤ Piping: Welded for leak-proofing, ensuring no irregularities. ➤ Refrigerants: Use Environment-Friendly, CFC-free refrigerants (e.g., R23, R404). ➤ Insulation: Cold lines must have thick continuous elastomeric foam insulation. ➤ Compressor: Use semi-hermetic compressors (Copeland, Bitzer, Emerson, Dorin, or equivalent) on anti-vibration springs. ➤ Safety Features: Include high/low pressure cut-off switches and overload/no load protection/over temperature safety feature. ➤ Auto Drain: Provide automatic drain for condensed water. ➤ Pressure Indicators: Indicators for suction/discharge refrigerant pressure must be included. ➤ Temperature Monitoring: Monitor temperatures for suction and discharge lines of the compressor. ➤ Noise Level: Ensure noise level is ≤ 80 dB(A) at 1 meter distance.
10	Visibility	<p>To allow the vision of the interior of the chamber during the tests, the climatic chamber shall have an inspection window and a light source of lux value between 400 - 500 lux at +20°C inside the chamber to increase the visibility of the interior.</p>
11	Chamber materials	<p>The chamber materials shall be corrosion resistant stainless steel 304 with TIG-welded joints -3rd party certificate required. They shall also be impermeable and thermally isolated and resist high and low temperatures. PU foam and non-combustible glass wool/mineral wool with a K-factor of 0.11 or better to ensure minimal heat transfer-3rd party certificate required.</p>
12	Access	<p>The connections between the interior of the chamber, where tests will go on, and the exterior controls and power supplies shall avoid significant temperature, humidity or water losses.</p>

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		<p>Portholes (Circular, four nos. Two for each side of wall (φ 150 mm & φ 200 mm) for cables, pneumatic connections, etc. shall be available. Each breakthrough will have rubber plugs to cover it when not used.</p> <p>The access door of the climatic chamber shall leave enough space to operate properly before, during and after the tests. Proper drains shall be provided so that no water due to condensation / water from humidity cycle gets accumulated in the chamber or sip into the shaker.</p>				
<p>13</p>	<p>Safety Equipment and Safety Instructions</p>	<p>A steady state overheating safety thermostat shall be installed to switch off the unit automatically if the test chamber's maximum temperature range is exceeded.</p> <p>In addition to the programmable limit value of the control system, the test chamber shall be equipped with an overheating and low temperature thermostat which can be adjusted digitally (specimen protection with separate sensor). The setting range shall cover at least the whole range plus 5°C.</p> <ul style="list-style-type: none"> ➤ Single phase preventor. ➤ Inbuilt compressor winding thermal protection. ➤ High discharge temp./high suction temp. protection. ➤ Over temperature safety. ➤ Emergency stop system (01 No. on chamber & 01 No. in control room). 				
<p>14</p>	<p>Fire and Safety Features</p>	<ul style="list-style-type: none"> ➤ Chamber Safety features: Chamber manufacturers ensure chamber construction along with suitable accessories to meet the safety features. Bidder to explicitly indicate all the design features and accessories utilized to meet the same. Also, the bidder shall indicate the replaceable parts/consumables. <p>Note:</p> <ol style="list-style-type: none"> 1. Safety features shall not narrow the temperature range of the chamber mentioned in the requirement, nor shall the safety features decrease the maximum achievable dew point in the chamber. 2. Provide CE/Equivalent BIS Certification for Fire & Safety. <ul style="list-style-type: none"> ➤ Machine should have at least following safety features: <ol style="list-style-type: none"> 1. Spike Arrester 2. Protection against single phase, phase reversal, overvoltage, under-voltage, over travel, over temperature etc. <p>The details specifications for safety features are mentioned below:</p> <table border="1" data-bbox="613 1627 1523 1885"> <thead> <tr> <th data-bbox="613 1627 862 1707">Feature</th> <th data-bbox="862 1627 1523 1707">Description</th> </tr> </thead> <tbody> <tr> <td data-bbox="613 1707 862 1885"> <p>Light Tower</p> </td> <td data-bbox="862 1707 1523 1885"> <p>The light tower should indicate the status of the operation: a red light shall flash, and an alarm will sound in case of fire.</p> </td> </tr> </tbody> </table>	Feature	Description	<p>Light Tower</p>	<p>The light tower should indicate the status of the operation: a red light shall flash, and an alarm will sound in case of fire.</p>
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		<p>Emergency Stop Button</p>	<p>The chamber shall be switched off instantly once the emergency stop button is pressed in case of any fire or alarm.</p>
		<p>Visual and Acoustic Alarm</p>	<p>Appropriate colored lamps and acoustic alarms should be installed to provide clear visual and acoustic indications: Red: Alarm Yellow: Warning Green: Test in progress Acoustic Alarm: With red light flashing (flash rate: 2 times per second). A provision to interface an additional PT100 sensor to the opto-acoustic alarm must be available.</p>
		<p>Electrical Door Lock System</p>	<p>The door must prevent unauthorized personnel from entering the test space. It must be actively monitored during the test and shall not open during a test, in case of power failure, a fault, or when the main switch is off. The door can be opened manually after the test has ended or stopped.</p>
		<p>Plug Protection</p>	<p>Stainless steel covers must be installed outside the chamber ports, fastened with bolts, to ensure plugs remain secured within the ports in the event of overpressure and are not pushed or blown out.</p>
<p>15</p>	<p>General Chamber Safety Features & Interlocks</p>	<ol style="list-style-type: none"> 1. Electrical Safety: <ul style="list-style-type: none"> ➤ Mains (Electrical Power) disconnect switch provided on the chamber. ➤ Fuse protection for mains and individual circuits. 2. Alarm System: <ul style="list-style-type: none"> ➤ Audio/Visual alarm system on the machine and computer for fault reporting. 3. System Protection: <ul style="list-style-type: none"> ➤ Protection against system malfunction and failure during power failures, surges, low power, fluctuations, or power reversal. ➤ High and low temperature limit system provided. ➤ Temperature limiter in software for T_{min} and T_{max}. ➤ Excess pressure protection in the refrigeration system. ➤ High and low temperature protection for test specimens. 4. Diagnostics & Troubleshooting: <ul style="list-style-type: none"> ➤ Integral fault diagnostic system/auto-diagnosis program with troubleshooting capabilities. 5. Safety Compressor: <ul style="list-style-type: none"> ➤ Compressors are equipped with in-built overload protection. ➤ Heavy-duty fans for compressor head cooling or liquid cooling. 	

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		<ul style="list-style-type: none"> ➤ All fans shall be equipped with guards. <p>6. Defrosting & Safety Features:</p> <ul style="list-style-type: none"> ➤ Controller with an automatic defrost feature for the cold chamber. ➤ Safety relief valves provided on the refrigeration system. <p>7. Component Compliance:</p> <ul style="list-style-type: none"> ➤ All electrical and electronic components must be CE/Equivalent BIS marked. <p>8. Supplier Specifications:</p> <ul style="list-style-type: none"> ➤ Additional safety features (if any) shall be specified by the supplier.
16	Doors and windows	<p>The chambers shall have double swing large door with clear opening of 2.5 m X 2.5 m. This door shall have a heated multilayer glass inspection window of approx. 40cm x 40 cm. The door shall be built and insulated in the same way as the walls. A door frame heating system shall be installed to prevent icing and condensation of the door frame. The door shall have key lock from the external side. Sensors for detection of open doors should be available. When an open door is detected, an alarm signal shall be sent to the control system, and an alarm message shall be displayed. Under these circumstances the test and the climatic chamber shall be stopped or not be able to start.</p>
17	Floor & Walls	<p>The thickness of the insulated sandwich panels must be defined by the bidder according to the temperature ranges of the chamber. All joints between panels must be sealed in some way to avoid problems derived from the water condensation and freezing around those areas. Penetration between panels should heat-bridge free and no thermal weak point (no cam-locks). Floor shall be anti-skid.</p>
18	Internal System Lighting	<p>The chamber shall have its own illumination system that assures between 400 - 500 lux at +20°C switched from the control panel and from inside the chamber. It shall have too, an emergency lighting system against electrical power supply cuts and a external flashlight and acoustic signal switched from inside.</p>
19	Power Supply	<ul style="list-style-type: none"> ➤ 3 Phase, 415V, 50Hz. ➤ Single Phase, 220V. <p>(supplier to specify current rating of MCB & cables required).</p>
20	Utilities Required.	<ul style="list-style-type: none"> ➤ Air - Supplier to specify. ➤ Water - Supplier to specify. ➤ Conditioned Air - Supplier to specify. ➤ DM Water Requirements for Humidity Control ➤ (Supplier to specify the DM water requirements, including Piping and plumbing connections).
21	Floor Preparation for Installation & Commissioning	<ul style="list-style-type: none"> ➤ Supplier to specify the requirement (if any).
22	Installation & Commissioning	<ul style="list-style-type: none"> ➤ The supplier shall install the chamber at ICAT Manesar Centre I. Also, the supplier shall demonstrate the working of chamber with

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		<p>Trials in order to complete the Commissioning Process. The supplier will provide training for the operation and maintenance of the chamber, including safety protocols.</p>
23	List of Documents/Calibration Certificates Required	<p>The supplier shall submit the following documents: -</p> <ul style="list-style-type: none"> ➤ Operation Manual of Rig [02 Hard Copies] ➤ Technical Manual with all mechanical drawings & electrical ckt. diagram [02 Hard Copies] ➤ The manual, drawings & Circuits on a CD. ➤ Calibration Certificates (Traceable to NPL/NABL Accredited Lab). ➤ Software: Software CD for the chamber. Free software updates for a minimum of 5 years. ➤ Technical Documentation: Brochures and technical documentation for all components, including refrigeration units and safety systems.
24	Warranty & Service Support	<ul style="list-style-type: none"> ➤ The supplier shall provide the warranty for 2 years min. from Acceptance of Chamber. ➤ Maintenance: Preventive maintenance every three months during the warranty period. Failure to do so will result in extension of warranty period by twice the amount of delay in preventive maintenance. ➤ Service Support: Local support with a guaranteed 5 - Year availability of parts. ➤ Response Time: Immediate online support, with on-site support within 24 hours.
25	Acceptance Tests	<ul style="list-style-type: none"> ➤ The ICAT technical team will verify the Climatic Chamber in accordance with the complete specifications outlined in this tender document. This verification will include all systems and accessories employed to ensure safety requirements. Additionally, valid calibration reports with traceability to national or international standards, as per ISO/IEC 17025, must be provided. The verification will also include a review of various test profiles and cycles based on relevant standards and the equipment's range, at the discretion of ICAT officials.
26	General Requirements	<ul style="list-style-type: none"> ➤ Representative details including company address and email ID shall be submitted for all the equipment. ➤ Service manual indicating maintenance and operation of all critical parts shall be submitted. ➤ Preventive maintenance plan for all critical equipment shall be proposed in manual. ➤ The license of all supplied software (if applicable) should be valid for a lifetime (perpetual license). Free upgrades and on - site maintenance/support shall be included minimum for warranty period i.e. 1 year. ➤ In case of primary PC or HMI hardware failure, copy of software shall be supplied separately which can be loaded in separate PC for operation of chamber.

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		<ul style="list-style-type: none"> ➤ The license to software shall be floating so that it can be used on backup PC in case of emergency. ➤ All wiring, cables, conduits etc. shall be arranged properly around the chamber such that it does not affect the man movement around the chamber. ➤ Program backup. ➤ Source code to be provided. ➤ One set of Operation Manual with operating instruction illustrated with sketches of operating parts, parts list (with part codes), diagrams with list ratings of components and list of dos and don'ts for the main equipment as well as the sub-systems. ➤ These manuals should be in the form of hard (printed) copy in English Language as well as in electronic storage form (disc, pen drive etc.). ➤ Any protection/isolation devices deemed necessary shall be included.
<p>27</p>	<p>Service Support</p>	<p>The Bidder is required to have a service support set up in India in preferably vicinity to ICAT with sufficient trained manpower. The Bidder shall commit a maximum response time of 24 hours, which means that in case of any breakdown within 24 hours, the Bidder's personnel should reach the site, assess the cause of the breakdown, take necessary action to resolve the issue and submit the corrective actions schedule.</p> <p>Successful bidder must provide onsite repair (all types of repairs) for the supplied equipment including all type of expenditure incurred for same.</p> <p>The bidder shall also provide a direct contact point to be used for Service Support, should ICAT require to, anytime during the equipment lifetime.</p>
<p>28</p>	<p>Training & After Sales Support</p>	<p>Installation, Commissioning and Training</p> <ul style="list-style-type: none"> ➤ During Acceptance of the facilities at ICAT, ICAT team irrespective of number of persons shall be trained on the job. This shall include: <ul style="list-style-type: none"> ➤ Operational training with basics and functioning of the system, system design and the flow schematics, system functions, operation and trouble shooting. ➤ Maintenance training for maintenance of the system and Utilities interface. ➤ The duration of the training shall not be less than 2 days. <p>Technical Support/After Sales Support</p> <ul style="list-style-type: none"> ➤ The bidder shall provide technical support in case of any fault/breakdown of any component of equipment. Also, after the expiration of the warranty period, the bidder must be capable of handling Comprehensive AMC of complete equipment.

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A.3 Other Technical Conditions:

1. **Site Visit:** Bidders are strongly advised to undertake a site visit to the existing *Electrodynamic (ED) Vibration Shaker at the Component Test Lab (CTL)* prior to submission of their bids. The site visit will enable bidders to acquaint themselves with the current installation, technical specifications, and operational conditions of the facility, thereby facilitating preparation of a comprehensive and fully compliant proposal.

The site visit shall be conducted strictly within the period from **8th December' 2025 to 29th December' 2025**, during office hours from **09:00 Hrs to 14:00 Hrs**. Bidders must submit a written request to the Purchaser at least **two (2) working days** prior to their intended visit date to allow for necessary access arrangements and coordination.

All costs and expenses incurred in connection with the site visit, including travel, accommodation, and other incidental charges, shall be borne solely by the bidder.

Important: *No claims, requests for extensions, or any form of dispute arising from lack of knowledge or understanding of the site conditions will be entertained after bid submission if the bidder has not conducted the site visit within the stipulated timeline. By submitting a bid, the bidder shall be deemed to have fully acquainted themselves with the site conditions and to have submitted their proposal accordingly, in full compliance with the requirements specified in the bid document.*

2. Submission of Quotation and Technical Compliance

- The Bidder shall submit their quotation strictly in accordance with the specifications, scope of supply, and other requirements as detailed in the tender documents pertaining to the procurement of the Large Climatic Chamber.
- The Technical Bid shall mandatorily include detailed information such as the brand name, model number, complete technical specifications, and supporting technical literature/catalogues clearly highlighting the features and parameters being offered. All technical submissions must be relevant, specific, and clearly linked to the tendered requirements.
- The Bidder is mandatorily required to fill and submit the Technical Compliance Checklist as provided in **"Form XXI"** of the tender document, clearly indicating item-wise compliance against each of the technical specifications laid out in the bid.
- The Statement of Compliance in **"Form XXI"** shall be accompanied by authentic, verifiable documentary evidence, including datasheets, certificates, manuals, or test reports to demonstrate conformity to each parameter specified. Unsupported compliance claims shall not be considered and may lead to rejection of the bid.
- All pages of the bid submission, including the technical bid, annexures, catalogues, and all supporting documents, shall be duly signed and stamped by the authorized signatory of the bidding entity. Any overwriting, corrections, or alterations must also be authenticated by the same.
- Non-submission or incomplete submission of **"Form XXI"**, absence of a proper Statement of Compliance, lack of supporting documents, or failure to sign/stamp bid documents shall be treated as non-compliance and may result in summary rejection of the bid without any further correspondence or clarification.

3. Product Availability and Support Condition

- The bidder shall ensure that the Large Climatic Chamber offered in response to this tender is not classified as **"End-of-Life" (EOL) or "End-of-Sale" (EOS)** as of the date of bid submission.
- If, for any reason whatsoever, support, availability, or manufacturing of the quoted product is discontinued, withdrawn, or declared obsolete prior to delivery or commissioning, the bidder shall, without any additional cost to the Purchaser, furnish and supply a replacement product that is a superior or equivalent alternative. Such replacement product shall conform to or exceed all original technical specifications, quality standards, and functional requirements as set forth in the tender document.

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- The bidder shall furnish a formal declaration undertaking to provide spare parts and requisite service support for a minimum period of **five (5) years** following the expiry of the warranty period.
- The bidder shall ensure that the provision of such replacement product and the continued support obligations shall not cause any disruption, delay, or compromise to the Purchaser's operational requirements or intended use of the equipment.
- Failure to comply with the foregoing conditions shall be construed as a material breach of contract, entitling the Purchaser to exercise all available remedies, including but not limited to rejection of the bid, cancellation of the contract, or enforcement of penalties in accordance with the terms and conditions of the tender.

4. Delivery and Installation & Commissioning (I&C) Schedule

- **Delivery:** The successful bidder shall deliver the complete equipment along with all associated components to the premises of the International Centre for Automotive Technology (ICAT) within a period of **One Hundred Twelve (112) Calendar Days** from the date of issuance of the Purchase Order (PO).
- **Installation, Testing, Commissioning & Final Acceptance:** The Successful Bidder shall complete all activities related to installation, testing, and commissioning of the equipment within **Twenty-Eight (28) Calendar Days** from the date of formal handover of the site by ICAT.

Upon successful completion of the installation, testing, and commissioning, the Final Acceptance Test (FAT) shall be conducted in the presence of ICAT's authorized representatives. The FAT shall be carried out strictly in accordance with the parameters and performance criteria outlined in "**Annexure - H**" of the tender documents.

The Final Acceptance shall be deemed completed only upon the satisfactory demonstration of the equipment's performance as per the prescribed standards and the formal issuance of the Final Acceptance Certificate by ICAT. No part of the equipment or services shall be considered accepted unless and until the Final Acceptance Certificate is duly issued by the Purchaser.

The date of issuance of the Final Acceptance Certificate shall be treated as the official date of final acceptance of the equipment and related services under the contract, from which the warranty and any applicable post-installation obligations shall commence.

Failure to complete the **Installation, Testing, Commissioning, and Final Acceptance** within the stipulated timeframe shall attract penalties or Liquidated Damages (LD), as defined elsewhere in the contract.

- **Site Handover:** The timeline for installation and commissioning shall commence only upon the formal handover of the site by ICAT to the successful bidder, which shall be duly documented.
- **Time of Essence:** Time is the essence of this contract. The successful bidder shall strictly adhere to the above-mentioned schedule. Any delay beyond the stipulated timelines shall render the bidder liable for penalties, liquidated damages, or other remedies as specified under the terms and conditions of the contract.

- 5. **Notification of Buyer's Responsibilities:** The Successful Bidder shall, within **Fifteen (15) Calendar Days** or earlier from the date of issuance of the **Purchase Order (PO)**, be obligated to provide timely and advance written notification to the Purchaser specifying any requirements, materials, services, or facilities necessary for the installation, testing, and commissioning of the Large Climatic Chamber that fall outside the scope of the Successful Bidder's contractual obligations and are to be arranged by the Purchaser.

Such notification shall be made with sufficient lead time to enable the Purchaser to make the necessary arrangements without causing any delay to the project schedule. Failure to provide such timely notification shall not relieve the Successful Bidder of responsibility for any resultant delays or additional costs arising from such oversight.

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6. Warranty Condition

- The Climatic Chamber shall be covered by a comprehensive on-site warranty for a period of **Twenty-Four (24) Months**, commencing from the date of successful installation, testing, commissioning, and final acceptance by the Purchaser.
- During the warranty period, the Supplier shall, at no additional cost to the Purchaser, promptly undertake all necessary repairs or replacement of any parts or components found to be defective due to manufacturing defects, workmanship, or material failure.
- The warranty shall be comprehensive, covering all costs including labour, transportation, travel, and any other incidental expenses incurred for repair or replacement of defective parts or components.
- Any defect or malfunction identified during the warranty period shall be rectified by the Supplier within a reasonable timeframe to ensure uninterrupted and proper functioning of the Climatic Chamber.
- The successful bidder shall submit a formal Warranty Declaration on the Original Equipment Manufacturer (OEM) letterhead, explicitly confirming the warranty coverage as stipulated herein.
- This warranty shall expressly exclude defects or damages resulting from misuse, negligence, improper handling, unauthorized modifications, alterations, or repairs carried out by personnel not authorized by the Supplier.
- Failure to comply with the warranty obligations may render the Supplier liable to penalties, invocation of performance guarantees, or other remedies as detailed in the tender terms and conditions.

7. Delivery, Packaging, and Insurance Instructions

- **Delivery Terms:** The delivery shall be on FOR (Free on Road) basis to the premises of the International Centre for Automotive Technology (ICAT), Manesar, Haryana. The successful bidder shall bear all risks and costs associated with transportation of the Large Climatic Chamber and all related components up to the delivery location at ICAT Project Site.
- **Loading and Unloading:** The successful bidder shall be fully responsible for the loading, transportation, unloading, and safe handling of the equipment at the ICAT project site. All necessary manpower, equipment, and resources for loading and unloading shall be arranged and borne by the bidder without any additional cost to the Purchaser.
- **Packaging:** The equipment shall be securely and adequately packed to prevent any damage, deterioration, or loss during transit, handling, and storage. The packaging shall comply with internationally accepted standards and best practices for heavy, sensitive, and precision equipment of this nature. All packing materials shall be suitable for long-distance transport and shall provide protection against moisture, dust, corrosion, and mechanical shocks. Packaging shall also facilitate ease of handling during unloading and installation.
- **Marking and Labelling:** Each package shall be clearly and permanently marked with consignee details, purchase order/reference number, package number, handling instructions, and any other information necessary to ensure safe and correct transportation, handling, and storage.
- **Insurance:** The successful bidder shall arrange, maintain, and bear the full cost of comprehensive insurance coverage for the equipment, including all parts and accessories, against loss or damage during transit, storage, and until final acceptance by the Purchaser at ICAT premises. The insurance policy shall remain valid from the time of dispatch until the equipment is duly received, inspected, and accepted at the site.
- **Claims and Liability:** In the event of any damage, loss, or shortage during transit or unloading, the bidder shall be solely responsible for lodging necessary claims with the carrier or insurance provider and ensuring replacement or repair of the damaged goods at no additional cost to the Purchaser. The Purchaser shall not be liable for any such loss or damage incurred prior to acceptance.
- **Documentation:** The bidder shall provide all necessary shipping, packing, and insurance documents,

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including but not limited to the packing list, insurance certificate, bill of lading/airway bill, and any other documents required for smooth customs clearance, handling, and delivery.

8. Assignment and Sub-Contracting

- The Successful Bidder shall not, without the prior written consent of the Procuring Entity, sublet, assign, transfer, delegate, or otherwise dispose of the Contract or any part thereof, or any rights, interests, benefits, or obligations arising therefrom, in any manner whatsoever.
- The Successful Bidder shall provide the Procuring Entity with prompt written notification of all subcontracts awarded under this Contract that were not disclosed in the original bid or contract documentation. Such notification shall not relieve or discharge the Successful Bidder from any liability, obligation, or responsibility under this Contract.
- Subcontracting shall be permitted solely for the procurement of bought-out items and incidental works or services directly related to the execution of the Contract. All subcontracted work shall be subject to the Successful Bidder's full responsibility and compliance with the terms, conditions, and obligations of this Contract. Subcontracting shall not be used as a means to circumvent or diminish the Successful Bidder's contractual responsibilities or performance obligations.
- Any assignment, subletting, or transfer of the Contract, or any part thereof, without the prior written approval of the Procuring Entity, shall be deemed a material breach of Contract. In the event of such unauthorized assignment or subcontracting, the Procuring Entity reserves the right to invoke any or all remedies available under the Contract and/or applicable law, including but not limited to termination of the Contract, forfeiture of performance guarantees, and claims for damages.

9. Pre-Delivery Inspection (PDI)

- **Arrangement of PDI:** Prior to the delivery of the *Large Climatic Chamber along with all associated deliverables*, the Successful Bidder shall arrange for a Pre-Delivery Inspection (PDI) to be conducted either at the Successful Bidder's site or at a mutually agreed location. The PDI shall be conducted strictly in accordance with the checklist provided in "*Annexure - G*" attached to the tender documents.
- **Notice for PDI:** The Successful Bidder shall provide the Purchaser with a written notice of at least **thirty (30) calendar days** prior to the scheduled date of the PDI to facilitate the participation of the Purchaser's authorized representatives.
- **Inspection and Testing:** During the PDI, the Purchaser or its authorized representatives shall have the right to inspect, test, and verify the performance and functionality of the *Large Climatic Chamber*. Should any discrepancies, defects, or non-conformities be identified, the Successful Bidder shall be obligated to rectify the same at its own cost and within a reasonable time frame prior to shipment.
- **Approval for Dispatch:** The Successful Bidder shall only be authorized to dispatch the equipment after successful completion of the PDI and upon receiving formal written approval from the Purchaser.
- **Postponement or Non-Attendance of PDI by Purchaser:** The Purchaser reserves the right to either forgo attendance at the PDI or request a postponement not exceeding **Fifteen (15) Calendar Days** from the originally scheduled date, in order to enable its representatives to be present. Any such request for postponement shall be communicated in writing to the Successful Bidder at least **Fifteen (15) Calendar Days** prior to the scheduled PDI.
 - In the event of a postponement requested by the Purchaser, no penalties or liquidated damages shall be applicable to the Successful Bidder.
 - Should the Purchaser notify the Successful Bidder of its intention not to attend the PDI within the stipulated timeframe, or fail to attend the rescheduled PDI, the Successful Bidder shall be entitled to proceed with the inspection independently as per the agreed schedule.
- **Validity of Inspection Documents:** In cases where the Purchaser elects not to attend the PDI or fails to attend the rescheduled PDI, the Certificate of Conformity and Acceptance Test Report, signed solely

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by the Successful Bidder's Quality Assurance (QA) representative, shall be deemed valid and binding with the same legal effect as if countersigned by the Purchaser.

- **Costs:** All expenses related to conducting the PDI, including but not limited to testing, inspection, logistics, and associated activities, shall be borne exclusively by the Successful Bidder. Additionally, any costs incurred by the Purchaser's representatives for travel, lodging, boarding, accommodation, and daily allowances shall be borne by the Purchaser.

10. **Training Requirement Clause:** As an integral part of the scope of work for the *Large Climatic Chamber*, the Successful Bidder shall be responsible for providing comprehensive training to designated personnel of the International Centre for Automotive Technology (ICAT), including the Technical and Maintenance teams, during the acceptance and commissioning phase of the equipment.

The training shall be conducted exclusively at the Purchaser's facility and shall comprehensively cover the following areas, without limitation:

- **Installation Procedures:** The Successful Bidder shall provide detailed and practical training to ICAT's Maintenance Team on the proper installation methodologies, protocols, and safety practices specific to the *Large Climatic Chamber*.
- **Commissioning:** The Successful Bidder shall train both the Technical and Maintenance teams on the commissioning process to ensure the equipment's operational readiness, adherence to performance specifications, and compliance with applicable standards.
- **Operational Training:** The Successful Bidder shall impart hands-on training to the Operational Team on the effective and safe operation of the *Large Climatic Chamber integrated with the ED Vibration Shaker*, encompassing all relevant functionalities and operational safety protocols.
- **Maintenance Training:** The Successful Bidder shall provide detailed training to the Maintenance Team on routine, preventive maintenance, fault diagnosis, troubleshooting, and overall upkeep to ensure sustained performance and reliability of the equipment.

The Successful Bidder shall supply all requisite training materials, including manuals, technical documents, and operational guidelines in the English language. Such documentation shall be furnished in both printed and digital formats, as deemed appropriate, to facilitate effective knowledge transfer and future reference.

11. ICAT's Rights

- **Right to Inspect and Verify:** The International Centre for Automotive Technology (ICAT) reserves the right to inspect, test, and verify the *Large Climatic Chamber and all related components* at any stage during manufacturing, pre-delivery, installation, commissioning, and operational phases to ensure strict compliance with the tender specifications, contractual terms, and applicable standards.
- **Right to Reject:** ICAT shall have the right to reject any equipment, parts, or services that do not conform to the prescribed technical specifications, quality requirements, or contractual obligations without prejudice to its rights under the contract. Rejected goods or services shall be replaced or rectified by the Successful Bidder at no additional cost to ICAT within the stipulated time frame.
- **Right to Seek Clarifications and Modifications:** ICAT reserves the right to seek clarifications, request additional information, or require modifications to the equipment or services at any point during the contract period to ensure alignment with its operational requirements and safety standards.
- **Right to Audit and Access Records:** ICAT shall have the right to audit, access, and review all relevant documentation, quality records, test reports, and certifications related to the *Large Climatic Chamber supplied* under this contract.
- **Right to Enforce Contractual Remedies:** In the event of breach, delay, or non-performance by the Successful Bidder, ICAT reserves the right to invoke any and all remedies available under the contract, including but not limited to penalties, liquidated damages, withholding of payments, or termination of the contract.

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- **Right to Final Acceptance:** The final acceptance of the *Large Climatic Chamber* shall rest solely with ICAT and shall be contingent upon satisfactory fulfilment of all technical, operational, and contractual requirements as determined by ICAT's authorized representatives.
- **Right to Reject, Modify, or Cancel Tender:** ICAT expressly reserves the right to reject, modify, or cancel the tender process, in whole or in part, at any stage without assigning any reason thereof and without incurring any liability whatsoever to any bidder or party.

12. **Billing Address:** International Centre For Automotive Technology (Centre - 1), Plot No. 26, Sector - 3, IMT Manesar, Gurugram - 122050 (GST No. 06AABAN9435G2ZI)

For or any technical queries please feel free to contact the undersigned:

Contact Person: Ms. Sita Kumari- CTL Department

Contact No.: +91-92896 55681 (Mobile)

Email ID: sita.ccl@icat.in

Contact Person: Mr. Amol Kumar- CTL Department

Contact No. +91 98919 96707

Mail ID: amol.kumar@icat.in

ICAT CTL (Large Climatic Chamber)

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Annexure - B Instructions To Bidders

- 1. Submission of Quotation and Technical Documentation:** The Bidder shall submit a complete and comprehensive quotation in strict conformity with the detailed Scope of Work and Services as specified in "**Annexure - A**" of the *Additional Terms and Conditions (ATC) document*. The submission must encompass both the technical and financial proposals, duly separated and prepared in accordance with the requirements and formats prescribed in the tender documents. The technical bid shall include all requisite technical documentation, specifications, detailed drawings, product literature, and any other supporting information necessary to demonstrate full compliance with the tender specifications. Non-compliance with the stipulated submission requirements or failure to provide the requisite technical and financial details may result in rejection of the bid at the sole discretion of the Purchaser.
- 2. Proposal Submission Compliance and Documentation Requirements:** The Bidder is required to submit their proposal in strict compliance with all terms, conditions, and requirements outlined in this tender document. The technical bid must include comprehensive details of the proposed solution, including the products, services, specifications, and relevant technical literature clearly demonstrating conformance to the specified requirements. Failure to adhere to any of the above requirements may render the bid liable for rejection at the sole discretion of the Purchaser.
- 3. Submission of Signed Tender Documents and Supporting Documentation:** The Bidder shall submit, as part of their proposal, a duly signed and stamped copy of the entire tender document, including all corrigenda, amendments, and annexures issued, as a token of unconditional acceptance of all terms, conditions, and specifications contained therein.
Additionally, all forms, declarations, schedules, and annexures enclosed with the tender/bid document must be duly filled, signed, and stamped by the authorized signatory of the Bidder and submitted in accordance with the instructions provided.
The Bidder shall also furnish all supporting documents as specified in the tender, including those required under the eligibility criteria, technical specifications, and any other qualifying requirements. Failure to submit any of the required documents, or submission of incomplete, unsigned, or unstamped documents, may result in rejection of the bid at the sole discretion of the Purchaser.
It is the sole responsibility of the Bidder to ensure that the submitted bid is complete in all respects and compliant with the tender requirements. No claim shall be entertained on account of incomplete submission or non-compliance with the stated instructions.
- 4. Site Visit:** Bidders are strongly advised to undertake a site visit to the existing *Electrodynamic (ED) Vibration Shaker at the Component Test Lab (CTL)* prior to submission of their bids. The site visit will enable bidders to acquaint themselves with the current installation, technical specifications, and operational conditions of the facility, thereby facilitating preparation of a comprehensive and fully compliant proposal.
The site visit shall be conducted strictly within the period from **8th December' 2025 to 29th December' 2025**, during office hours from **09:00 Hrs to 14:00 Hrs**. Bidders must submit a written request to the Purchaser at least **two (2) working days** prior to their intended visit date to allow for necessary access arrangements and coordination.

All costs and expenses incurred in connection with the site visit, including travel, accommodation, and other incidental charges, shall be borne solely by the bidder.

Important: *No claims, requests for extensions, or any form of dispute arising from lack of knowledge or understanding of the site conditions will be entertained after bid submission if the bidder has not conducted*

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the site visit within the stipulated timeline. By submitting a bid, the bidder shall be deemed to have fully acquainted themselves with the site conditions and to have submitted their proposal accordingly, in full compliance with the requirements specified in the bid document.

Site Visit Request and Contact Details: All requests for site visits shall be made by contacting the undersigned representative of the ICAT

Contact Person: Ms. Sita Kumari- CTL Department

Contact No.: +91-92896 55681 (Mobile)

Email ID: sita.ccl@icat.in

Contact Person: Mr. Amol Kumar- CTL Department

Contact No. +91 98919 96707

Mail ID: amol.kumar@icat.in

5. **Clarifications, Deviations, and Conditional Bids:** Bidders are strictly advised to submit their bids in full compliance with all terms, conditions, technical specifications, and requirements stipulated in this tender document. Conditional bids or bids containing deviations, exceptions, assumptions, or qualifications shall be summarily rejected without further reference or clarification, at the sole discretion of the Purchaser.

Any suggestions, clarifications, or concerns regarding the tender terms and conditions must be formally raised by the Bidders only during the Pre-Bid Meeting. The Purchaser shall review such requests and reserves the absolute right to accept, modify, or reject any suggestion or concern, wholly or in part, without assigning any reason, and solely in the best interest of the Purchaser.

All clarifications, amendments, or modifications arising out of the Pre-Bid Meeting shall be published either as a Corrigendum and/or as the Minutes of the *Pre-Bid Meeting (MoM)* on the Purchaser's official website (www.icat.in) and on the *GeM Portal*. These shall form an integral part of the tender and shall be binding on all Bidders. No request for changes or deviations shall be entertained after the Pre-Bid stage.

6. Pre-Bid Meeting Conditions

6.1 **Pre-Bid Meeting** shall be held to address queries and provide clarifications regarding the scope of work, technical requirements, and the bid submission process.

- **Date:** 24th December' 2025
- **Time:** 14:00 Hrs.
- **Venue:** CTL Meeting Room, International Centre for Automotive Technology (ICAT), Plot No. 26, Sector - 3, IMT Manesar, Gurugram - 122051, Haryana
- **Mode:** Physical Meeting or Virtual

All interested bidders are encouraged to attend the pre-bid meeting to seek necessary clarifications before submission of their bids.

6.2 Submission of Pre-Bid Queries

- Bidders are required to submit their queries, if any, in writing to sita.ccl@icat.in, amol.kumar@icat.in, pritam.singh@icat.in, vikas.sharma@icat.in & javed.rahi@icat.in by 23rd December' 2025 up to 1700 Hrs.
- Queries should be submitted in the following format (*Format XII*):

Sl. No.	Clause No.	Existing Provision	Query/Suggestion
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6.3 Clarifications and Amendments

- Clarifications and responses to the pre-bid queries shall be issued in the form of a Corrigendum/Addendum and uploaded on the **GeM Portal & ICAT Website**.
- The corrigendum shall form an integral part of the tender document and must be duly considered while submitting the final bid.

6.4 No Individual Communication

- No individual responses will be provided to bidders. All clarifications shall be shared only through official corrigenda.

6.5 Binding Clarifications Only Through Corrigendum

- Only clarifications provided through officially issued corrigenda shall be considered binding. Any verbal discussions or informal exchanges during the pre-bid meeting shall not be treated as official unless formally incorporated.

6.6 No Suggestions or Deviations Post Submission Deadline

- No suggestions, deviations, modifications, or requests for clarification shall be entertained after the bid submission deadline. Bidders are therefore advised to seek all necessary clarifications and raise concerns during the pre-bid period.

7. Earnest Money Deposit (EMD)

7.1 EMD Amount: Bidders are required to submit an **Earnest Money Deposit (EMD) of INR 4,00,000/- (Indian Rupees Four Lakh Only)** along with their bid. The EMD shall be submitted through the mode specified in the GeM portal or as otherwise prescribed in the tender document.

7.2 Exemption for MSEs/Startups: As per the guidelines issued by the Ministry of Micro, Small and Medium Enterprises and the *Department for Promotion of Industry and Internal Trade (DPIIT), Government of India, Micro and Small Enterprises (MSEs) and recognized Startups are exempted from payment of EMD*, subject to submission of the following

- Valid supporting documents such as *Udyam Registration Certificate (for MSEs) or Startup Recognition Certificate issued by DPIIT*.
- A duly signed Declaration/Undertaking in lieu of EMD in the prescribed format **"Form-IV"** provided in the Additional Terms and Conditions (ATC) document.

7.3 Bid Rejection in Absence of EMD/Declaration

- Bids submitted without the requisite EMD or valid exemption documents or duly signed Declaration/Undertaking in lieu of EMD in the prescribed format **"Form-IV"** shall be summarily rejected as non-responsive.
- Submission of incorrect, expired, or manipulated exemption certificates may lead to disqualification and blacklisting as per applicable procurement rules.

7.4 Forfeiture of EMD: The EMD shall be liable to forfeiture in the following cases

- If the bidder withdraws or modifies the bid during the bid validity period.
- In case of any false declaration or non-compliance with tender terms.
- If the successful bidder fails to sign the contract or submit the required Performance Security within the stipulated time.

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7.5 **Refund of EMD:** EMD's of unsuccessful bidders shall be refunded without interest after finalization of the contract. For the successful bidder, EMD may be adjusted against the Performance Security, if applicable.

8. Submission of Bids

Bidders are required to submit their bids in **two separate parts** as detailed below:

- **Part I - Technical Bid:** This shall include all relevant documents and information demonstrating the bidder's compliance with the technical requirements and eligibility criteria as outlined in the **tender document**. *Bidders must not divulge price of tendered item in technical bid. Violation of the same may lead to rejection of the bid.*
- **Part II - Financial Bid:** This shall contain the price proposal strictly in the format prescribed in the tender document.

Both parts must be submitted in separate as specified in the e-tendering or GeM platform.

9. Evaluation Process

- **Stage 1 - Technical Evaluation:** The Technical Bids shall be opened and evaluated first. Only those bidders who meet all mandatory requirements and obtain the minimum qualifying marks, including full marks in technical capability (as applicable), shall be deemed technically qualified.
- **Stage 2 - Financial Evaluation:** The Financial Bids of only the technically qualified bidders will be opened and considered for further evaluation. Financial Bids of bidders who fail to qualify in the technical stage shall be returned unopened or disqualified from further consideration.

10. **Availability of Tender Documents and Corrigendum:** Prospective Bidders are advised to regularly visit the official website of the International Centre for Automotive Technology (ICAT) at www.icat.in and/or the **Government e-Marketplace (GeM) portal** for downloading the complete Tender Document, including all instructions, terms, specifications, and any corrigendum, amendment, clarification, or notification issued in connection with this Tender.

It shall be the sole responsibility of the Bidder to ensure that they have the latest version of the Tender Document and are fully aware of all updates, revisions, or corrigenda issued prior to the bid submission deadline. ICAT shall bear no responsibility or liability for any oversight or failure on the part of the Bidder to obtain such information from the aforementioned platforms.

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Annexure - C
Earnest Money Deposit (EMD Clause)

Earnest Money Deposit (EMD): **INR 4,00,000/- (Rupees Four Lakh Only)** can be submitted in form of NEFT/RTGS/FDR/DD/Bank Guarantee/Banker's Cheque drawn in favour of "International Centre for Automotive Technology", payable at Manesar/ Gurugram valid for at least six months from any branch of Delhi/NCR of Indian scheduled Bank or **Online through RTGS/NEFT/Internet Banking** in Beneficiary Name "International Centre for Automotive Technology".

Or

Firms that are registered as Micro or Small Enterprises (MSEs) under the provisions of the Public Procurement Policy for MSEs, 2012, issued by the Ministry of Micro, Small and Medium Enterprises (MSME), Government of India, or those recognized as Startups by DPIIT, or are registered with the Central Purchase Organization (e.g., NSIC) or the concerned Ministry/Department for the tendered item, shall be exempted from submission of Earnest Money Deposit (EMD), subject to the following conditions:

- A valid registration certificate clearly indicating coverage for the tendered item must be submitted along with the Technical Bid.
- The registration certificate should remain valid for a minimum of six (6) months from the last date of bid submission.
- Exemption shall be granted **only for procurement of goods/services** directly covered under the registration. **Note:** The exemption shall **not apply to traders, agents, dealers, distributors, or firms engaged in works contracts**, even if they are registered under MSME or NSIC.

Or

In place of a Bid security, Bidders can submit Bid securing declaration as per "Form IV" accepting that if they withdraw or modify their Bids during the period of validity, or if they are awarded the contract and they fail to sign the contract, or to submit a performance security before the deadline defined in the request for bids document, they will be suspended for the period of 1 year from the date of opening of this bid from being eligible to submit Bids for contracts with the ICAT that invited the Bid.

ICAT Bank Details for NEFT/RTGS (in case any bidder deposits the EMD of INR 4,00,000/- through NEFT/RTGS)

HDFC Bank Details (Saving A/c for transactions in INR Only); -

Beneficiary Name	International Centre for Automotive Technology
Bank Name	HDFC Bank Ltd.
Branch	Plot-K, Sector-2, Manesar-122051 Haryana
Account No.	05891450000118
Account Type	Saving
RTGS IFSC Code	HDFC0000589
Swift Code	HDFCINBB
MICR Code	110240079

Proof of payment shall be submitted online on GeM portal & original NEFT/RTGS/FDR/DD/Bank Guarantee/Banker's Cheque should reach at "To, The Purchase Department, International Centre For Automotive Technology, Plot No. 26, Sector - 3, Near HSIIDC Office, IMT Manesar, Gurugram - 122051 (Haryana)."

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Key Note's

- EMD shall be exempted to Micro & Small Enterprises registered for the tendered items/as per the latest Govt. of India guidelines. MSME/Start-up Policy is meant for procurement of only goods produced and services rendered by MSE's. However, traders/distributors/sole agent/works contracts are excluded from the purview of Public Procurement Policy for MSEs Order, 2012. The bidders claiming the preference must submit the relevant document (The certificate should be valid for at least 6 months from the date of submission of bids).
- The bid received without EMD/Documentary proof of Exemption of EMD, will be summarily rejected.
- Cheque/Money Order/Cash shall not be accepted as EMD.
- A bid will be rejected if EMD is found to be of lesser amount or EMD is not submitted in the manner prescribed.
- A bid which is not accompanied by such Earnest Money Deposit or Non-Submission of Bid Security Declaration Form **"Form IV"** will be construed as non-compliant bid and should be rejected.
- The Earnest Money Deposit (EMD) of the unsuccessful bidder will be returned to them within 30 days after finalization and award of the tender without any interest. The Earnest Money Deposit of the successful Bidder will be returned upon the successful Bidder furnishing the Performance Bank Guarantee.

EMD should be forfeited in favour of ICAT in case the Bidder: -

- The EMD may be forfeited, if a Bidder withdraws his bid during the period of bid validity or on submission of false documents/undertaking.
- Without the written consent of ICAT, it has withdrawn its Bid during the validity period of the Bids and any extensions thereto.
- After opening of the financial bid, alters the quoted rates/conditions in the Bid.
- Fails to provide /furnish the Performance Bank Guarantee within stipulated period mentioned in the Letter of Acceptance.
- Does not reply to any queries that may be raised after opening of technical/financial bids.
- If the bidder does not accept the corrections made by ICAT to its Bid Price pursuant to "Examination of Financial Proposal and Correction of Arithmetical Errors".

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Annexure D Eligibility & Technical Evaluation Criteria

Part - I (Pre-Qualification/Minimum Eligibility Criteria)

Eligibility Criteria: The following mentions the pre-qualification criteria. A bidder participating in the procurement process shall possess the following pre-qualification/minimum eligibility criteria: Any bid failing to meet the stated criteria shall be summarily rejected and will not be considered for technical evaluation.

Pre-qualification/Minimum Eligibility Criteria for the Bidders:

1. **Legal Valid Entity:** The Bidder must be a legally recognized entity under applicable Indian laws and shall be eligible to participate in the tender in any of the following forms: Proprietorship Firm, Partnership Firm, Private Limited Company, or Registered Agency.

To establish legal status and eligibility, the Bidder shall mandatorily submit documentary evidence of their legal constitution along with the Technical Bid, as specified below:

- **Proprietorship Firm:** A copy of the valid registration certificate, trade license, or any equivalent document issued by a competent authority clearly indicating the establishment and legal existence of the firm.
- **Partnership Firm:** A copy of the duly executed Partnership Deed along with the firm's registration certificate issued by the Registrar of Firms (if applicable under the Partnership Act, 1932).
- **Private Limited Company:** A copy of the Certificate of Incorporation issued by the Registrar of Companies (RoC), along with the Memorandum of Association (MoA) and Articles of Association (AoA), duly certified by an authorized signatory.
- **Agency:** A copy of the registration certificate or any valid statutory license or document evidencing the agency's legal status under the relevant law (e.g., registration under the Shops and Establishments Act or equivalent legislation).

Failure to submit any of the above documents as applicable to the nature of the bidding entity may render the bid liable for rejection at the sole discretion of the Purchaser. All documents shall be self-attested and submitted as part of the Technical Bid.

2. **Mandatory Submission of Comprehensive Proposal:** It shall be a mandatory pre-qualification requirement that all Bidders submit a complete and comprehensive proposal covering the entire scope of supply, services, and deliverables as specified in the Tender Documents, including but not limited to all items, components, and associated works listed in the Bill of Quantity (BoQ), Scope of Work (SoW), Technical Specifications, and Additional Terms and Conditions (ATC).

Submission of an incomplete or partial bid, including but not limited to omission of any item, sub-item, or service from the proposal, shall be treated as non-compliance with the tender specifications and shall result in outright rejection of the bid without further consideration or evaluation.

Bidders are advised to thoroughly review all tender documentation and ensure that their technical and financial proposals fully comply with the requirements stated therein. No relaxation, clarification, or opportunity for rectification shall be provided in cases of non-compliance with this condition.

3. **Bidder Eligibility - OEM or Authorized Channel Partner**

The Bidder must be either:

- **Original Equipment Manufacturer (OEM) of the offered Large Climatic Chamber,**
or
- **an Authorized Channel Partner duly appointed by the OEM for the purposes of participation in this tender.**

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3.1 In case the Bidder is an Authorized Channel Partner

- The Bidder shall submit a valid and current Authorization Certificate issued by the OEM, explicitly authorizing the Bidder to quote, supply, install, and provide after-sales support for the quoted equipment under this tender.
- The Authorization Certificate shall be submitted in the prescribed format annexed as **“Form VII”** in the tender document and must be duly signed and stamped by an authorized signatory of the OEM.
- Bids submitted without the required Authorization Certificate in the specified format shall be considered non-compliant and shall be rejected without further evaluation.

3.2 In case the Bidder is the OEM

- The Bidder shall submit a self-declaration or certificate confirming their status as the Original Equipment Manufacturer (OEM) of the quoted product.
- This declaration must be furnished on the OEM’s official letterhead and signed by an authorized representative of the organization.
- Failure to submit the applicable certification or declaration as outlined above shall render the bid technically non-responsive, and such bids shall be summarily rejected.

3.3 OEM Participation and Channel Partner Authorization

- A manufacturer (OEM) may authorize only one channel partner to participate in this tender, in accordance with the declaration submitted under **“Form VI - Declaration in Respect of Conflict of Interest”**.
- If both the OEM and its authorized channel partner submit bids under this tender, the bid submitted by the OEM shall be accorded precedence and taken forward for further evaluation. Consequently, the bid submitted by the authorized channel partner shall be summarily rejected and shall not be considered for further evaluation.

4. **Financial Eligibility - Average Annual Turnover:** The Bidder must have achieved an average annual turnover of not less than **INR 6.00 Crores (Rupees Six Crores Only)** during the **last three (3) consecutive financial years**, namely **FY 2022-23, FY 2023-24, and FY 2024-25**.

Documentary Evidence Required: To substantiate the above, the Bidder shall submit any of the following documents as part of the Technical Bid.

- A certificate from a Chartered Accountant (**Form XVI**), clearly certifying the annual turnover for each of the above-mentioned financial years, **or**
- A copy of the **Audited Balance Sheet and Profit & Loss Account** for each of the three financial years, duly certified by a **Chartered Accountant or Statutory Auditor, or**
- An attested certificate from a Government Department/Client confirming the turnover, provided it is backed by audited financial statements.

Mandatory Disclosures:

- Full contact details of the Chartered Accountant or Statutory Auditor who has certified the document, including Name, Designation, Firm Name, Email ID, Contact Number.
- The UDIN (Unique Document Identification Number), as issued by the Institute of Chartered Accountants of India (ICAI), must be clearly visible on all CA-certified documents and balance sheets.

Non-Compliance: Failure to submit the required financial documentation in the prescribed format, or failure to mention the CA/Auditor's contact details and UDIN, shall render the bid technically non-responsive and liable for rejection without any further evaluation.

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5. **Technical Experience – Minimum Work Experience Requirement:** The Bidder must have a minimum of **three (3) years of experience** as on the date of bid submission in executing **work of similar nature**, as defined below.
6. **Prior Experience:** The Bidder, or the Original Equipment Manufacturer (OEM) represented by the Bidder, shall have demonstrable prior experience within the **preceding three (3) years from the date of bid submission**. Specifically, the Bidder or its OEM must have successfully supplied, installed, and commissioned at least **one (1) facility** within India incorporating equipment of characteristics, complexity, and functionality comparable to the Large Climatic Chamber specified in this tender.

Eligible Clients: Such facilities should have been supplied and commissioned for one or more of the following types of entities

- **Central Government Ministries/Departments**
- **State Government Departments**
- **Public Sector Undertakings (PSUs)**
- **Autonomous Bodies/Institutions**
- **Government-funded R&D Organizations**
- **Reputed Private Sector Companies operating in relevant fields (automotive, aerospace, electronics, defence, or other industrial testing applications)**

The Bidder shall provide the following documents in support of meeting this criterion:

1. Copies of Purchase Orders/Work Orders issued by Government Departments, PSUs, Research Institutions, or reputed Private Sector Organizations clearly indicating the scope of work, nature of equipment supplied, and year of execution.
2. Corresponding Completion Certificates or Client Performance Certificates issued by the end-user.
3. A detailed statement summarizing past projects executed in the last 3 years, including:
 - **Name of Client**
 - **Equipment Supplied**
 - **Year of Completion**
 - **Contact Details of Client (for verification, if required)**

Failure to demonstrate relevant experience of at least three (3) years in similar nature of work shall render the bid technically non-responsive and liable for rejection.

7. **Local Presence:** The Bidder must be an entity based and registered in India, possessing a valid legal status under applicable Indian laws and regulations.
8. **Blacklisting Declaration:** The Bidder shall not be currently blacklisted, debarred, or suspended by any **Ministry or Department of the Government of India, any State Government, Public Sector Undertaking (PSU), or any reputed private organization or institution within India**. A self-declaration to this effect, duly signed by the authorized signatory on the Bidder's official letterhead, must be submitted along with the tender documents. Any concealment or misrepresentation of such information shall result in disqualification and potential legal action as per applicable laws.
9. **Service Support Facility:** The Bidder must maintain a fully operational service support facility within India, capable of providing prompt and effective maintenance and repair services for the **Large Climatic Chamber** during the warranty period and subsequent post-warranty phase. The Bidder shall submit a formal declaration on its official letterhead, affirming the availability of such service support infrastructure within India, including details of the location(s), technical manpower, and spare parts availability to ensure minimal downtime in case of any equipment breakdown.

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Bidders to Comply with:

10. Rule 144(xi) of GFR 2017 regarding restrictions on procurement from a bidder of a country that shares a land border with India will be liable to rejection (refer to the to the Office Memorandum of the Department of Expenditure dated July 23, 2020, and as revised from time to time at <https://doe.gov.in/sites/default/files/OM%20dated%2023.07.2020.pdf>).
11. Department of Industrial Policy and Promotion (DIPP) vide No. P-45021/2/2017-PP (BE-II) dated 04.06.2020 and as revised from time to time regarding bidders eligibility and preference to make in India (<https://dpiit.gov.in/sites/default/files/PPP%20MII%20Order%20dated%204th%20June%202020.pdf>).

Definition of “Similar Nature”: For the purposes of this tender, the term “Similar Nature” shall refer to the successful supply, installation, and integration of **Climatic Chambers** having an **internal volume of not less than 2.5 cubic meters** and equipped with **technical specifications that are equal to or superior to** those specified in the present tender document. This shall include systems integrated with **Electrodynamic (ED) Vibration Shaker Systems**, or standalone Climatic Chambers with equivalent or enhanced technical capabilities. Such supplies must have been made to any of the following entities within the territory of India:

- *Departments or Ministries of the Government of India*
- *State Government Departments*
- *Public Sector Undertakings (PSUs)*
- *Automobile Industry*
- *Any reputed private organization or institution*

Such experience shall demonstrate the bidder’s technical capability and proven track record in delivering equipment of comparable size, complexity, and integration requirements as specified in this tender.

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Part - II (Technical Bid Evaluation Parameters)

Bid Evaluation - Eligibility for Technical Assessment: The Bidder shall mandatorily comply with all the *Pre-Qualification/Minimum Eligibility Criteria* as specified in “*Annexure-D*” of this tender document. Only those Bidders who are found to be fully compliant with the *Pre-Qualification/Minimum Eligibility Criteria*, upon detailed scrutiny of the submitted documentation, shall be considered eligible for Technical Bid Evaluation.

Any Bidder failing to meet the stipulated criteria in “*Annexure-D*” shall be disqualified from further evaluation, and their Financial Bids shall not be opened or considered under any circumstances. The decision of the Purchaser in this regard shall be final and binding, without any obligation to provide justification or entertain representations.

Technical Bid Evaluation Parameters

1.1 ICAT shall follow segregated bid submission evaluation system. The minimum pass mark in technical bid shall be **80 Points (80%) out of 100 Points**. Bidders, who gets cut-off marks, will be qualified for next part of evaluation i.e. financial part.

1.2 The Technical Bids shall be awarded points based on the following evaluation criteria:

Evaluation Parameter	Details	Marks
Equipment Specifications	Technical Specifications/Requirements offered against the requirements spelt out in this tender	50
Service Support	Local Support (Delhi NCR) <ul style="list-style-type: none"> Within NCR - 4 Marks Outside NCR & Within India - 2 Marks 	4
	Response Time (In Hours) <ul style="list-style-type: none"> <24 Hours - 2 Marks >24 Hours & < 48 hours - 1 Marks 	2
Bidder's Past Experience	Same/Similar Nature Project (In Last 3 Years before bid submission) <ul style="list-style-type: none"> 1 Project - 4 Marks 2-4 Projects - 6 Marks More Than 4 Projects - 8 Marks 	8
	Experience (Nos. of Year) <ul style="list-style-type: none"> Years (Minimum) - 5 Marks 3 Up To 5 Years - 6 Marks More Than 5 Years - 8 Marks 	8
Bidder's Capability	Financial Capability	
	Average Annual Turnover of 6.0 Crores in the Past 3 FY: 2022-23, 2023-24 & 2024-25 <ul style="list-style-type: none"> 6.0 Crores (Minimum) - 5 Marks 6.0 Crores up to 10 Crores - 8 Marks More Than 10 Crores - 10 Marks 	10
	Technical Capability	
	Project/Work Implementation Plan (Week-wise)	3

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	Utility Matrix (To gauge the bidder's preparedness, infrastructure alignment, and ability to meet project requirements) & Equipment Footprint	3
Bidder's Capability	Team Structure (Organogram/Hierarchy Chart)	1
	ISO Certification (QMS)	1
Customer Feedback	• Minimum 1 Nos - 5 Marks	10
	• >1 up to 2 - 7 Marks	
	• More Than 2 - 10 Marks	
Total Marks		100

Evaluation Criteria and Preference Policy:

1. Technical Evaluation Threshold - Mandatory Compliance

- Bidders must secure a **minimum of 50 out of 50 points** in the **Technical Specifications Evaluation** section. This is a **mandatory qualifying criterion**; failure to achieve the full technical specification score will result in **immediate disqualification**, irrespective of the total overall score.

2. Overall Evaluation Threshold: To qualify for financial bid opening, bidders must obtain a minimum of **80 out of 100 points (80%)** in the overall evaluation. This includes scores from technical specifications, company credentials, past performance, and other evaluation parameters as outlined in the tender document.

3. Preference to Local Suppliers under Public Procurement Policy

- ICAT reserves the right to extend **purchase preference to local suppliers** in accordance with the provisions of the **Public Procurement (Preference to Make in India), Order 2017**, issued by the **Department for Promotion of Industry and Internal Trade (DPIIT)**, Ministry of Commerce and Industry, Government of India, vide Order No. **P-45021/2/2017-PP (BE-II)** dated **04.06.2020**, and any subsequent amendments thereto.
- For detailed guidelines, bidders may refer to the DPIIT policy document available at: [https://dpiit.gov.in/sites/default/files/PPP%20MII%20Order%20dated%204th%20June%202020.p df](https://dpiit.gov.in/sites/default/files/PPP%20MII%20Order%20dated%204th%20June%202020.pdf)
- Bidders seeking such preference must submit the requisite **self-declaration and certification** documents as per the DPIIT guidelines along with their Technical Bid.

4. Purchase Preference for MSEs and Startups: In accordance with the provisions of the Public Procurement Policy for Micro and Small Enterprises (MSEs), 2012 and the relevant guidelines issued by the Ministry of Micro, Small and Medium Enterprises (MSME), as well as Startup India Policy.

- **Preference as per Government Policy:** ICAT reserves the right to extend preference to Local Suppliers, Micro and Small Enterprises (MSE's), and Startups, in accordance with the applicable guidelines, circulars, and notifications issued by the Government of India, as amended from time to time. Such preference shall be accorded only upon submission of valid, relevant, and verifiable supporting documents along with the bid. Failure to provide the required documentation shall result in ineligibility for any preferential treatment.
- **Applicability of MSE Public Procurement Policy:** In accordance with the Public Procurement Policy for Micro and Small Enterprises (MSE's) Order, 2012, as amended, the benefits under this policy shall apply exclusively to goods manufactured or services rendered by registered MSE's. Entities

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operating solely as traders, distributors, marketing agents, or engaged under works contracts are expressly excluded from the scope and benefits of this policy.

- **Relaxation of Prior Turnover and Experience Requirements:** ICAT, at its sole discretion, may relax the requirements of prior turnover and prior experience for start-up enterprises recognized by the Department for Promotion of Industry and Internal Trade (DPIIT), provided that such entities fully comply with all quality standards, technical specifications, and performance criteria as specified in the tender documents. Such start-ups may be MSMEs or otherwise. Only registered Micro and Small Enterprises (MSEs) and DPIIT-recognized start-ups shall be considered for relaxation under this provision. Any such relaxation shall be strictly conditional upon the enterprise's demonstrated capability to meet all functional, operational, and contractual requirements of the tender. This relaxation shall be applied in accordance with the provisions of applicable government policies and shall not compromise adherence to the tender's prescribed technical, quality, or performance requirements. ICAT's decision in this regard shall be final and binding.
- **Purchase Preference:** If an MSE or eligible Startup bidder quotes within L1 + 15% price range and agrees to match the L1 price, the order for up to 25% of the total tendered quantity may be awarded to such MSE/Startup, as per the policy provisions.

ICAT CTL (Large Climatic Chamber)

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Annexure - E Bid Rejection Criteria

Bids submitted in response to this tender shall be liable for outright rejection and shall not be considered for further evaluation under any of the following circumstances:

1. Non-Compliance with Bid Security Requirements

- Submission of bid without the required **Earnest Money Deposit (EMD)**, or
- Non-submission of the **Bid Security Declaration Form (Form IV)**, or
- Non-submission of valid **Udyam Registration Certificate (for MSEs)** or a **DPIIT recognition certificate (for Startups)** along with the bid.

2. Financial Turnover Below Threshold: Bidders must have an average annual turnover of not less than **INR 6 Crores** during the three most recent financial years (**FY 2022-23, 2023-24, and 2024-25**). Failure to submit audited financial statements or turnover certificates certified by a Chartered Accountant (CA) for these years shall result in disqualification.

3. Non-Submission of Statutory Registrations: Bidders failing to submit valid copies of **their GST registration certificate and Permanent Account Number (PAN)** shall be deemed non-compliant.

4. Unsatisfactory Client References: If even one reference provided by the bidder is found to be unsatisfactory, the bidder shall be disqualified. Internal references obtained from **NAB or its associated centres** may also be considered valid for disqualification purposes, regardless of whether they are formally submitted with the bid.

5. Conditional or Deviated Bids: Any bid containing deviations, conditions, or modifications to the tender terms and conditions shall be summarily rejected.

6. Incomplete Bid Submission: It is a mandatory requirement that bidders submit comprehensive proposals covering all items listed in the tender. Any incomplete bid, including failure to quote for any item or component, shall be treated as non-compliant. Such bids shall be rejected without further correspondence, and the bidder shall be disqualified from the evaluation process.

7. Segregated Bidding Process and Rejection of Non-Compliant Submissions: Bids under this Tender shall be submitted through the GeM Portal under a Segregated Bidding Process, comprising separate Technical and Financial Bids, as prescribed in the Tender Document and as per GeM guidelines. The Technical Bid shall contain only technical information and supporting documentation, with no reference to prices or commercial terms. Submission of any price details, financial information, or commercial quotation within the Technical Bid, either directly or indirectly, on the GeM Portal shall constitute a material deviation and result in summary rejection of the bid without further evaluation. Such non-compliance shall render the bidder ineligible for consideration under this Tender, and the decision of the Procuring Entity / Evaluation Committee in this regard shall be final, conclusive, and binding, with no correspondence entertained thereafter.

8. Non-Compliance with Pre-Qualification/Minimum Eligibility Criteria: Failure to satisfy any single condition under the **"Pre-qualification/Minimum Eligibility Criteria"** section shall result in the immediate disqualification of the bid from the tender process.

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9. **IP Address Duplication on GeM Portal:** The Government e-Marketplace (GeM) portal tracks and displays the IP addresses used by Buyers and Bidders/Sellers. Bids submitted from identical or shared IP addresses across different bidders/sellers shall be considered suspicious and will be automatically disqualified from further evaluation.
10. **OEM Participation and Channel Partner Authorization:** A manufacturer (OEM) may authorize only one channel partner to participate in this tender, in accordance with the declaration submitted under **“Form VI - Declaration in Respect of Conflict of Interest”**. If both the OEM and its authorized channel partner submit bids under this tender, the bid submitted by the OEM shall be accorded precedence and taken forward for further evaluation. Consequently, the bid submitted by the authorized channel partner shall be summarily rejected and shall not be considered for further evaluation.
11. **Bid Rigging and Conflict of Interest:** The Purchaser reserves the right to **reject any bid or disqualify any bidder** from the tendering process at any stage if, in the opinion of the Purchaser, there is sufficient evidence to conclude that:
- **Bid Rigging:** The Bidder has engaged in any form of collusive bidding, bid rigging, cartel formation, or anti-competitive practices, whether directly or indirectly, with other bidders in order to influence the outcome of the bidding process. Such practices shall include but are not limited to: Sharing of bid prices or commercial terms prior to bid submission or Agreement among bidders not to compete or to submit complementary bids or Coordinated bid withdrawals or bid rotation schemes.
 - **Conflict of Interest: A Conflict of Interest exists or is reasonably deemed to exist if**
 - The Bidder or any of its associated entities, subsidiaries, or affiliates has a direct or indirect relationship with another bidder participating in the same tender, which could compromise the integrity or fairness of the procurement process.
 - The Bidder has a relationship with any official, employee, or representative of the Purchaser who is directly or indirectly involved in the tender evaluation or award process.
 - The Bidder uses resources, infrastructure, or personnel that are also engaged in preparing or influencing another competing bid in this tender.
 - **Declaration of Integrity:** All Bidders shall submit a duly signed Declaration of Non-Collusion and Conflict of Interest in the format prescribed in the tender. Any failure to submit this declaration or submission of a false declaration shall lead to immediate disqualification and may result in blacklisting or legal action, as deemed appropriate by the Purchaser.
12. **Declaration of Integrity:** All Bidders shall submit a duly signed Declaration of Non-Collusion and Conflict of Interest in the format prescribed in the tender. Any failure to submit this declaration or submission of a false declaration shall lead to immediate disqualification and may result in blacklisting or legal action, as deemed appropriate by the Purchaser.
13. **Purchaser's Rights:** The Purchaser shall have the sole discretion to determine whether a bid is non-compliant due to the reasons outlined above. In such cases, the Purchaser shall be under no obligation to inform the bidder of the grounds for disqualification or provide any further clarification. The decision of the Purchaser shall be final, binding, and non-contestable.

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Annexure - F General Terms & Conditions

1. **Scope of Supply/Work:** *Supply, Installation, Testing & Commissioning of Large Climatic Chamber (2.5 m X 2.5 m X 2.5 m) to be integrated with 6000 kg ED Vibration Shaker (As per technical specification and scope of work defined in "Annexure - A")* Installed in CTL Department at ICAT Centre - 1, Manesar (Haryana).
2. **Delivery and Installation & Commissioning (I&C) Schedule**
 - **Delivery:** The successful bidder shall deliver the complete equipment along with all associated components to the premises of the International Centre for Automotive Technology (ICAT) within a period of **One Hundred Twelve (112) Calendar Days** from the date of issuance of the Purchase Order (PO).
 - **Installation, Testing, Commissioning & Final Acceptance:** The Successful Bidder shall complete all activities related to installation, testing, and commissioning of the equipment within **twenty-eight (28) calendar days** from the date of formal handover of the site by ICAT.

Upon successful completion of the installation, testing, and commissioning, the Final Acceptance Test (FAT) shall be conducted in the presence of ICAT's authorized representatives. The FAT shall be carried out strictly in accordance with the parameters and performance criteria outlined in "Annexure - H" of the tender documents.

The Final Acceptance shall be deemed completed only upon the satisfactory demonstration of the equipment's performance as per the prescribed standards and the formal issuance of the Final Acceptance Certificate by ICAT. No part of the equipment or services shall be considered accepted unless and until the Final Acceptance Certificate is duly issued by the Purchaser.

The date of issuance of the Final Acceptance Certificate shall be treated as the official date of final acceptance of the equipment and related services under the contract, from which the warranty and any applicable post-installation obligations shall commence.

Failure to complete the Installation, Testing, Commissioning, and Final Acceptance within the stipulated timeframe shall attract penalties or Liquidated Damages (LD), as defined elsewhere in the contract.
 - **Site Handover:** The timeline for installation and commissioning shall commence only upon the formal handover of the site by ICAT to the successful bidder, which shall be duly documented.
 - **Time of Essence:** Time is the essence of this contract. The successful bidder shall strictly adhere to the above-mentioned schedule. Any delay beyond the stipulated timelines shall render the bidder liable for penalties, liquidated damages, or other remedies as specified under the terms and conditions of the contract.
3. **Notification of Buyer's Responsibilities:** The Successful Bidder shall, within **Fifteen (15) Calendar Days or Earlier** from the date of issuance of the Purchase Order (PO), be obligated to provide timely and advance written notification to the Purchaser specifying any requirements, materials, services, or facilities necessary for the installation, testing, and commissioning of the Large Climatic Chamber that fall outside the scope of the Successful Bidder's contractual obligations and are to be arranged by the Purchaser.

Such notification shall be made with sufficient lead time to enable the Purchaser to make the necessary arrangements without causing any delay to the project schedule. Failure to provide such timely notification shall not relieve the Successful Bidder of responsibility for any resultant delays or additional costs arising from such oversight.

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4. Liquidated Damages (LD) Clause

4.1 Delay in Delivery and Installation & Commissioning (I&C): The Successful Bidder shall be liable to pay Liquidated Damages (LD) for any delay in the delivery and/or completion of installation and commissioning of the Large Climatic Chamber beyond the respective contractual timelines stipulated in the Delivery and Installation & Commissioning (I&C) Schedule.

4.2 Rate of Liquidated Damages: LD shall be levied at the rate of **0.5% (zero-point five percent)** of the total contract value per week of delay or part thereof.

4.3 Maximum Limit: The total Liquidated Damages shall be subject to a maximum ceiling of **10% (ten percent) of the total contract value.**

4.4 Calculation of Delay:

- Delay in Delivery shall be calculated from the date immediately following the expiry of the stipulated delivery period of **One Hundred Twelve (112) Calendar Days** from the GeM Contract/Purchase Order issuance date until the actual date of delivery.
- Any delay in the execution of Installation, Testing, Commissioning, and Final Acceptance activities shall be calculated from the date **immediately following the expiry of the Twenty-Eight (28) Calendar Days** period allocated for such activities, commencing from the date of **formal handover of the site by ICAT**, and shall continue until the **actual date of successful completion** of all said activities, as certified by the Purchaser. Such delay shall be considered for the purpose of imposing penalties or liquidated damages, as applicable under the terms and conditions of the contract, without prejudice to any other rights or remedies available to the Purchaser under law or the contract.

4.5 Time Being the Essence: Time shall be considered the essence of this contract. The Successful Bidder is hereby required to strictly adhere to the above timelines. Failure to do so will entitle the Purchaser to recover LD as stipulated herein without prejudice to any other rights or remedies available under the contract or applicable law.

4.6 Non-Waiver of Rights: The imposition of Liquidated Damages shall not absolve the Successful Bidder of its obligations to complete delivery and commissioning, nor shall it prejudice the Purchaser's right to claim any additional damages or pursue other contractual remedies in the event of breach or delay.

5. Payment Terms: The total contract value shall be payable to the Successful Bidder in accordance with the following milestone-based payment schedule, subject to fulfillment of the contractual obligations related to the *Supply, Installation, Integration, Commissioning, and Acceptance of the Large Climatic Chamber (2.5 m X 2.5 m X 2.5 m) with 6000 KGF ED Vibration Shaker* at ICAT.

5.1 Payment Milestones

1. 60% (Sixty Percent) of the total contract value shall be released upon:

- Receipt of the complete equipment and all associated components at the ICAT project site in a defect-free condition.
- Submission of all requisite delivery documents; and
- Physical verification and material receipt certification by the authorised representative of ICAT.

2. 20% (Twenty Percent) of the total contract value shall be released upon:

- Successful Installation and Commissioning of the Large Climatic Chamber, duly Integrated with the 6000 KGF ED Vibration Shaker; and

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- Submission of Installation and Commissioning certificate duly signed by the authorised ICAT official.

3. Balance 20% (Twenty Percent) of the total contract value shall be released upon:

- Completion of final acceptance testing to the satisfaction of ICAT.
- Confirmation of compliance with all technical and performance parameters as specified in the tender documents; and
- Issuance of the Final Acceptance Certificate by ICAT.

5.2 Performance Bank Guarantee (PBG): Prior to the release of any payment under this contract, the Successful Bidder shall furnish an unconditional and irrevocable Performance Bank Guarantee (PBG) from a nationalised or scheduled Indian bank, amounting to **5% (Five Percent)** of the total contract value.

The PBG shall:

- Be in the format prescribed by ICAT.
- Remain valid for a period of **twenty-four (24) months** from the date of satisfactory completion of the entire scope of work, including supply, installation, commissioning, and final acceptance.
- Be in favour of **“International Centre for Automotive Technology”**.
- Cover any defects in material, workmanship, or performance of the equipment throughout the warranty period.

Failure to submit the PBG shall result in withholding of payments as per ICAT’s discretion.

5.3 Mandatory Documents for Payment Release: The following documents shall be submitted by the Successful Bidder to ICAT for processing of payments

- Original Tax Invoice (in compliance with GST norms).
- Original Delivery Challan.
- E-Way Bill (Part A & Part B, as applicable).
- Consignee LR Copy (if applicable).
- Warranty/Guarantee Certificate issued by the OEM.
- Installation & Commissioning Report and Final Acceptance Certificate (as applicable).

All payments shall be subject to statutory deductions (such as TDS) as applicable under Indian laws. No advance payment shall be made unless specifically agreed to in writing by ICAT.

5.4 Advance Payment (If Applicable): Bidders are hereby requested to submit their financial proposals in strict accordance with the Payment Schedule stipulated under **Clause 5.1 above**. However, if a bidder expressly seeks an advance payment, such request shall be considered only in accordance with the applicable provisions of the General Financial Rules (GFR) and Manual for Procurement of Goods. In such cases, an advance payment of up to **30%** of the total contract value may be granted, subject to the prior approval of the ICAT Competent Authority, and compliance with the following conditions:

- The bidder must submit a formal written request justifying the requirement for advance payment.
- The advance payment shall be secured by an unconditional and irrevocable Advance Bank Guarantee (ABG) issued by a scheduled commercial bank. The ABG shall be for an amount equivalent to **one hundred and ten percent (110%)** of the approved advance payment value and shall remain valid until the advance amount is fully adjusted or recovered in accordance with the terms of the contract. The ABG must be submitted in the prescribed format acceptable to ICAT and

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shall be enforceable on demand without any demur or condition, to safeguard the interests of ICAT in the event of default, non-performance, or failure to adjust the advance payment.

- The ABG shall remain valid until the completion of final acceptance of the equipment by ICAT.
- No advance payment shall be processed unless the original ABG is received and verified by ICAT in physical form.
- The release of advance shall be further subject to the signing of the Contract Agreement and fulfilment of any other conditions precedent as may be specified by ICAT.
- Upon disbursement of the advance payment, the same shall be adjusted proportionately against subsequent milestone payments as outlined under the **Payment Terms in Clause 5.1 above**.

Failure to furnish the Advance Bank Guarantee in the prescribed format and validity period shall result in non-release of advance payment.

6. Performance Security

6.1 Submission of Performance Security: The Successful Bidder shall furnish a Performance Security for an amount equivalent to **five percent (5%)** of the total contract value, **within fifteen (15) days** from the date of award of contract on the GeM portal.

6.2 Form and Validity: The Performance Security shall be submitted in the form of an unconditional **Bank Guarantee or Fixed Deposit Receipt (FDR) issued by a Scheduled Commercial Bank in India**, in favour of **"International Centre for Automotive Technology"**, payable at **Manesar/Gurugram**.

The Performance Security shall remain **valid for a period covering the entire warranty duration of Twenty-Four (24) Months**, from the date of successful **installation, commissioning, and final acceptance, plus a minimum additional claim period of six (6) months** thereafter. Accordingly, the total validity of the Performance Security shall not be less than **Thirty (30) Months** from the date of final acceptance.

6.3 Purpose and Invocation: The Performance Security shall serve as a safeguard against any failure of the Successful Bidder to perform its obligations under the contract. ICAT reserves the right to invoke the Performance Security, in part or in full, without notice, in the event of any breach of contract, non-performance, delay, or defect in performance during the warranty period.

6.4 Release of Performance Security: Subject to satisfactory performance and fulfilment of all contractual obligations by the Successful Bidder, the Performance Security shall be released upon expiry of the warranty period and successful completion of the claim period, against a written request by the bidder and submission of a No Dues Certificate from the concerned ICAT department.

6.5 Failure to Submit Performance Security: Failure on the part of the successful bidder to submit the required Performance Security within the stipulated time period shall be treated as a material breach of contractual obligations. In such an event, the Purchaser (ICAT) reserves the right to take any or all of the following actions, without prejudice to any other rights available under the contract or applicable law

- Cancellation of the contract in part or in full; or
- Forfeiture of any payments/advances made to the bidder, including any Earnest Money Deposit (EMD) or other securities submitted; or
- Blacklisting or debarment of the bidder from participation in future tenders of ICAT; or
- Initiation of legal proceedings or recovery actions for losses, if any, suffered by ICAT due to non-compliance; and/or

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- Any other action as may be deemed appropriate by ICAT in accordance with the terms of the contract and applicable Government of India procurement policies.

The decision of ICAT in this regard shall be final and binding on the bidder.

7. Warranty Condition

- 7.1 The Climatic Chamber shall be covered by a comprehensive on-site warranty for a period of **twenty-four (24) months, commencing from the date of successful installation, testing, commissioning, and final acceptance by the Purchaser.**
- 7.2 During the warranty period, the Supplier shall, at no additional cost to the Purchaser, promptly undertake all necessary repairs or replacement of any parts or components found to be defective due to manufacturing defects, workmanship, or material failure.
- 7.3 The warranty shall be comprehensive, covering all costs including labour, transportation, travel, and any other incidental expenses incurred for repair or replacement of defective parts or components.
- 7.4 Any defect or malfunction identified during the warranty period shall be rectified by the Supplier within a reasonable timeframe to ensure uninterrupted and proper functioning of the Climatic Chamber.
- 7.5 The successful bidder shall submit a formal Warranty Declaration on the Original Equipment Manufacturer (OEM) letterhead, explicitly confirming the warranty coverage as stipulated herein.
- 7.6 This warranty shall expressly exclude defects or damages resulting from misuse, negligence, improper handling, unauthorized modifications, alterations, or repairs carried out by personnel not authorized by the Supplier.
- 7.7 Failure to comply with the warranty obligations may render the Supplier liable to penalties, invocation of performance guarantees, or other remedies as detailed in the tender terms and conditions.

8. Delivery, Packaging, and Insurance Instructions

- 8.1 **Delivery Terms:** The delivery shall be on FOR (Free On Road) basis to the premises of the International Centre for Automotive Technology (ICAT), Manesar, Haryana. The successful bidder shall bear all risks and costs associated with transportation of the Large Climatic Chamber and all related components up to the delivery location at ICAT Project Site.
- 8.2 **Loading and Unloading:** The successful bidder shall be fully responsible for the loading, transportation, unloading, and safe handling of the equipment at the ICAT project site. All necessary manpower, equipment, and resources for loading and unloading shall be arranged and borne by the bidder without any additional cost to the Purchaser.
- 8.3 **Packaging:** The equipment shall be securely and adequately packed to prevent any damage, deterioration, or loss during transit, handling, and storage. The packaging shall comply with internationally accepted standards and best practices for heavy, sensitive, and precision equipment of this nature. All packing materials shall be suitable for long-distance transport and shall provide protection against moisture, dust, corrosion, and mechanical shocks. Packaging shall also facilitate ease of handling during unloading and installation.
- 8.4 **Marking and Labelling:** Each package shall be clearly and permanently marked with consignee details, purchase order/reference number, package number, handling instructions, and any other information necessary to ensure safe and correct transportation, handling, and storage.
- 8.5 **Insurance:** The successful bidder shall arrange, maintain, and bear the full cost of comprehensive insurance coverage for the equipment, including all parts and accessories, against loss or damage during transit, storage, and until final acceptance by the Purchaser at ICAT premises. The insurance policy shall remain valid from the time of dispatch until the equipment is duly received, inspected, and accepted at the site.
- 8.6 **Claims and Liability:** In the event of any damage, loss, or shortage during transit or unloading, the bidder shall be solely responsible for lodging necessary claims with the carrier or insurance provider and ensuring

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replacement or repair of the damaged goods at no additional cost to the Purchaser. The Purchaser shall not be liable for any such loss or damage incurred prior to acceptance.

8.7 Documentation: The bidder shall provide all necessary shipping, packing, and insurance documents, including but not limited to the packing list, insurance certificate, bill of lading/airway bill, and any other documents required for smooth customs clearance, handling, and delivery.

9. Assignment and Sub-Contracting

9.1 The Successful Bidder shall not, without the prior written consent of the Procuring Entity, sublet, assign, transfer, delegate, or otherwise dispose of the Contract or any part thereof, or any rights, interests, benefits, or obligations arising therefrom, in any manner whatsoever.

9.2 The Successful Bidder shall provide the Procuring Entity with prompt written notification of all subcontracts awarded under this Contract that were not disclosed in the original bid or contract documentation. Such notification shall not relieve or discharge the Successful Bidder from any liability, obligation, or responsibility under this Contract.

9.3 Subcontracting shall be permitted solely for the procurement of bought-out items and incidental works or services directly related to the execution of the Contract. All subcontracted work shall be subject to the Successful Bidder's full responsibility and compliance with the terms, conditions, and obligations of this Contract. Subcontracting shall not be used as a means to circumvent or diminish the Successful Bidder's contractual responsibilities or performance obligations.

9.4 Any assignment, subletting, or transfer of the Contract, or any part thereof, without the prior written approval of the Procuring Entity, shall be deemed a material breach of Contract. In the event of such unauthorized assignment or subcontracting, the Procuring Entity reserves the right to invoke any or all remedies available under the Contract and/or applicable law, including but not limited to termination of the Contract, forfeiture of performance guarantees, and claims for damages.

10. Pre-Delivery Inspection (PDI)

10.1 Arrangement of PDI: Prior to the delivery of the Large Climatic Chamber along with all associated deliverables, the Successful Bidder shall arrange for a Pre-Delivery Inspection (PDI) to be conducted either at the Successful Bidder's site or at a mutually agreed location. The PDI shall be conducted strictly in accordance with the checklist provided in "*Annexure - G*" attached to the tender documents.

10.2 Notice for PDI: The Successful Bidder shall provide the Purchaser with a written notice of at least thirty (30) calendar days prior to the scheduled date of the PDI to facilitate the participation of the Purchaser's authorized representatives.

10.3 Inspection and Testing: During the PDI, the Purchaser or its authorized representatives shall have the right to inspect, test, and verify the performance and functionality of the Large Climatic Chamber. Should any discrepancies, defects, or non-conformities be identified, the Successful Bidder shall be obligated to rectify the same at its own cost and within a reasonable time frame prior to shipment.

10.4 Approval for Dispatch: The Successful Bidder shall only be authorized to dispatch the equipment after successful completion of the PDI and upon receiving formal written approval from the Purchaser.

10.5 Postponement or Non-Attendance of PDI by Purchaser: The Purchaser reserves the right to either forgo attendance at the PDI or request a postponement not exceeding *fifteen (15) calendar days* from the originally scheduled date, in order to enable its representatives to be present. Any such request for postponement shall be communicated in writing to the Successful Bidder at least *fifteen (15) calendar days* prior to the scheduled PDI.

➤ In the event of a postponement requested by the Purchaser, no penalties or liquidated damages shall be applicable to the Successful Bidder.

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- Should the Purchaser notify the Successful Bidder of its intention not to attend the PDI within the stipulated timeframe, or fail to attend the rescheduled PDI, the Successful Bidder shall be entitled to proceed with the inspection independently as per the agreed schedule.

10.6 Validity of Inspection Documents: In cases where the Purchaser elects not to attend the PDI or fails to attend the rescheduled PDI, the Certificate of Conformity and Acceptance Test Report, signed solely by the Successful Bidder's Quality Assurance (QA) representative, shall be deemed valid and binding with the same legal effect as if countersigned by the Purchaser.

10.7 Costs: All expenses related to conducting the PDI, including but not limited to testing, inspection, logistics, and associated activities, shall be borne exclusively by the Successful Bidder. Additionally, any costs incurred by the Purchaser's representatives for travel, lodging, boarding, accommodation, and daily allowances shall be borne by the Purchaser.

11. Training Requirement Clause: As an integral part of the scope of work for the *Large Climatic Chamber*, the Successful Bidder shall be responsible for providing comprehensive training to designated personnel of the International Centre for Automotive Technology (ICAT), including the Technical and Maintenance teams, during the acceptance and commissioning phase of the equipment.

The training shall be conducted exclusively at the Purchaser's facility and shall comprehensively cover the following areas, without limitation:

11.1 Installation Procedures: The Successful Bidder shall provide detailed and practical training to ICAT's Maintenance Team on the proper installation methodologies, protocols, and safety practices specific to the Large Climatic Chamber.

11.2 Commissioning: The Successful Bidder shall train both the Technical and Maintenance teams on the commissioning process to ensure the equipment's operational readiness, adherence to performance specifications, and compliance with applicable standards.

11.3 Operational Training: The Successful Bidder shall impart hands-on training to the Operational Team on the effective and safe operation of the *Large Climatic Chamber* integrated with the ED Vibration Shaker, encompassing all relevant functionalities and operational safety protocols.

11.4 Maintenance Training: The Successful Bidder shall provide detailed training to the Maintenance Team on routine, preventive maintenance, fault diagnosis, troubleshooting, and overall upkeep to ensure sustained performance and reliability of the equipment.

The Successful Bidder shall supply all requisite training materials, including manuals, technical documents, and operational guidelines in the English language. Such documentation shall be furnished in both printed and digital formats, as deemed appropriate, to facilitate effective knowledge transfer and future reference.

12. ICAT's Rights

12.1 Right to Inspect and Verify: The International Centre for Automotive Technology (ICAT) reserves the right to inspect, test, and verify the *Large Climatic Chamber* and all related components at any stage during manufacturing, pre-delivery, installation, commissioning, and operational phases to ensure strict compliance with the tender specifications, contractual terms, and applicable standards.

12.2 Right to Reject: ICAT shall have the right to reject any equipment, parts, or services that do not conform to the prescribed technical specifications, quality requirements, or contractual obligations without prejudice to its rights under the contract. Rejected goods or services shall be replaced or rectified by the Successful Bidder at no additional cost to ICAT within the stipulated time frame.

12.3 Right to Seek Clarifications and Modifications: ICAT reserves the right to seek clarifications, request additional information, or require modifications to the equipment or services at any point during the contract period to ensure alignment with its operational requirements and safety standards.

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- 12.4 Right to Audit and Access Records:** ICAT shall have the right to audit, access, and review all relevant documentation, quality records, test reports, and certifications related to the *Large Climatic Chamber* supplied under this contract.
- 12.5 Right to Enforce Contractual Remedies:** In the event of breach, delay, or non-performance by the Successful Bidder, ICAT reserves the right to invoke any and all remedies available under the contract, including but not limited to penalties, liquidated damages, withholding of payments, or termination of the contract.
- 12.6 Right to Final Acceptance:** The final acceptance of the Large Climatic Chamber shall rest solely with ICAT and shall be contingent upon satisfactory fulfilment of all technical, operational, and contractual requirements as determined by ICAT's authorized representatives.
- 12.7 Right to Reject, Modify, or Cancel Tender:** ICAT expressly reserves the right to reject, modify, or cancel the tender process, in whole or in part, at any stage without assigning any reason thereof and without incurring any liability whatsoever to any bidder or party.
- 13. Billing Address:** International Centre For Automotive Technology (Centre - 1), Plot No. 26, Sector - 3, IMT Manesar, Gurugram - 122051 (GST No. 06AABAN9435G2ZI)
- 14. Offer Validity:** Offers should be valid for a minimum of **One Hundred Eighty (180) Days** from the date of opening the Technical Bid. A bid, valid for a shorter period, is liable to be rejected. ICAT and Manesar may ask the bidders to extend the period of validity, if required.
- 15. Price:** The prices are to be quoted in INR in figures only. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected.
- 16. Unsatisfactory Performance:** The successful bidder hereby agrees and acknowledges that the International Centre for Automotive Technology (ICAT) shall have the sole and absolute discretion to evaluate and determine the suitability, quality, and performance of any component(s), subsystem(s), or complete system(s) supplied under this contract, whether during the pre-dispatch, inspection, testing, installation, commissioning, or post-commissioning phases.
In the event that any component, equipment, or system – whether in part or in full – is found to be **deficient, substandard, non-compliant with specifications**, or otherwise **unsatisfactory** in the opinion of ICAT, ICAT reserves the unequivocal right to **reject such component(s) or system(s)** without incurring any liability, financial or otherwise, and **without any obligation to provide justification** or explanation for such rejection. The **bidder expressly undertakes** to abide by and accept ICAT's decision in this regard as **final and binding**, and **waives all rights to contest, dispute, or seek redressal** in respect of such decision. No claim for costs, compensation, or consequential damages shall be entertained by ICAT under such circumstances.
- 17.** Please ensure that ATC documents must be signed and stamped on all pages as a token of acceptance of all the terms and conditions.
- 18. Termination of Contract:** If the performance of the successful bidder (hereinafter referred to as the "Vendor") is found to be unsatisfactory – whether in terms of timely delivery, quality of the goods supplied, or non-compliance with the contractual obligations – ICAT shall issue a written notice to the Vendor, treating the same as a formal warning.
If, notwithstanding the first warning, the Vendor fails to rectify the deficiencies or does not take corrective measures within **fifteen (15) days** from the date of the first notice, a **second and final warning** shall be issued. Should the Vendor continue to remain non-compliant or fail to meet the required performance standards even after issuance of the second warning, **ICAT reserves the right to terminate the contract/work order**, in whole or in part, **by giving one (1) month's written notice**, without assigning any further reason and without any liability whatsoever on the part of ICAT.

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Upon termination:

- The contract shall become **null and void** from the date of expiry of the notice period.
- Any pending payment deemed payable to the Vendor, if any, shall be **withheld or forfeited** at the discretion of ICAT.
- **No further claims, liabilities, or compensations** of any kind shall be entertained by ICAT.
- The Vendor shall be required to **withdraw all deployed personnel, equipment, and material** from ICAT premises within **thirty (30) days** from the termination date.
- **Failure to vacate the premises** may lead to ICAT taking appropriate legal and administrative measures.

The **decision of the Competent Authority of ICAT** regarding the performance of the Vendor and termination of the contract shall be **final and binding**.

19. **Confidential Information:** ICAT and Selected Bidder shall keep confidential and not, without the written consent of the other party hereto, divulge to any third party any documents, data, or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following completion or termination of contract.
20. **Dispute Resolution (Arbitration):** In the event of any dispute or difference arising between the International Centre for Automotive Technology (ICAT) and the Contractor/Supplier in connection with or arising out of this Contract, including any matter relating to the interpretation or performance of its terms, the parties shall endeavor to resolve such disputes amicably through mutual discussion and consultation. If the dispute remains unresolved **after thirty (30) days** of such mutual discussions, the matter shall, subject to the provisions herein, be referred to arbitration in accordance with the Arbitration and Conciliation Act, 1996, and any amendments thereto. Subject to the guidelines issued by the *Department of Expenditure, Ministry of Finance, vide OM No. F.1/2/2024-PPD dated 03.06.2024*, arbitration shall be an available method of dispute resolution only where the value of the dispute is less than **₹10 crores (Rupees Ten Crore)**. This threshold refers to the value of the dispute and not the overall value of the contract. For disputes where the value exceeds **₹10 crores**, the parties shall resolve the matter through appropriate judicial forums and arbitration shall not be applicable. Where arbitration is permissible, a Sole Arbitrator shall be appointed by the Director (ICAT), with the mutual concurrence of both parties. The decision of the Sole Arbitrator shall be final and binding on both parties. The arbitration proceedings shall be conducted in the English language, and the venue of arbitration shall be Gurugram, Haryana. The parties agree that they shall not approach any court of law for the resolution of disputes unless the arbitration mechanism provided herein is exhausted, where applicable. Subject to the above, the courts at Gurugram, Haryana, shall have exclusive jurisdiction over all matters arising under this contract.
21. The tender document is not an offer and is issued with no commitment. ICAT reserves the right to withdraw this notice inviting tender or vary any part thereof at any stage. ICAT further reserves the right to disqualify any bidder, should it be so necessary at any stage. ICAT reserves the right to reject any or all the tenders, wholly or partly, without assigning any reason thereof and shall not be bound to accept the lowest tender.
22. Law of the Republic of India are applicable to this tender.
23. **Qualification Criteria:** The bidder whose bid meets the technical specification and evaluation criteria given above would only be considered (As per conditions mentioned in Evaluation Criteria).
24. **System of Award of Contract:** The bidder who satisfies the qualification criteria and offers lowest (L1) would be selected.

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25. **Force Majeure:** For the purpose of this Contract, “Force Majeure” shall mean any event or circumstance beyond the reasonable control of either party (the Successful Bidder or ICAT) which was not reasonably foreseeable, or which, with the exercise of due diligence, could not have been foreseen or prevented, and which materially and adversely affects the performance of obligations under this Contract.

Events qualifying as Force Majeure shall include, but not be limited to, the following:

- Natural calamities such as floods, droughts, earthquakes, hurricanes, cyclones, lightning, or other acts of God.
- Pandemics or epidemics, or any public health emergency declared by competent authorities.
- Acts of war (declared or undeclared), hostilities, invasion, armed conflict, terrorism, civil unrest, riots, or sabotage.
- Acts or orders of Government authorities, including but not limited to quarantine restrictions, embargoes, prohibitions, or trade restrictions imposed by any competent government authority.
- Freight embargoes, restrictions on transportation, or any unforeseen change in law or government policy materially impacting contract performance.

Obligations during Force Majeure: The party affected by a Force Majeure event shall, within **ten (10) calendar days** of the occurrence of such event, **notify the other party in writing**, providing sufficient details and evidence of the Force Majeure circumstances and its anticipated impact on the performance of contractual obligations.

Neither party shall be held liable for any **delay or failure** in the performance of its contractual obligations arising directly from such Force Majeure event, provided that:

- The obligations affected are directly related to the Force Majeure event.
- The affected party takes all reasonable steps to mitigate the effect of the Force Majeure on the performance of the contract.
- The performance is resumed as soon as reasonably practicable after the Force Majeure event ceases.

If the period of delay due to Force Majeure extends beyond **sixty (60) days**, either party shall have the right to **terminate the contract** by giving **fifteen (15) days' written notice**, without any financial repercussion or liability on either side, subject to settlement of dues already accrued prior to such termination.

The decision of ICAT regarding the existence, duration, and impact of Force Majeure shall be **final and binding** on the successful bidder.

26. **Fraud and Corruption:** The bidders, suppliers and contractors shall observe the highest standard of ethics during bidding and during performance of the contract. For the purposes of this provision, the following acts shall be considered as corrupt and/or fraudulent practices.

- **“Corrupt Practice”** means offering, giving, receiving, or soliciting directly or indirectly, of anything of value to influence the action of an official in the procurement process or in contract execution.
- **“Fraudulent Practice”** means misrepresentation or omission of facts in order to execution of contract.
- **“Collusive Practice”** means a scheme or arrangement between two or more bidders, with or without the knowledge of the purchaser, designed to establish bid prices at artificial, non-competitive level.
- **“Coercive Practice”** means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in a procurement process or in execution of a contract.
- During the process of evaluation of a bid or proposal for award of a contract, if it is detected that a bidder directly or through agent has engaged in corrupt, fraudulent, collusive or coercive practice in

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competing for the contract in question, then a) the bid shall be rejected and b) declare the firm ineligible for a specific period or indefinitely to participate in a bidding process.

- Bidders may note that GeM is capturing and showing the IP addresses used by the Buyer and Bidder(s)/Seller(s). Bids submitted from IP addresses that are identical to or shared with other Bidders/Sellers shall be deemed invalid and automatically disqualified from further evaluation.

27. **Collusive Bidding or Bid Rigging or Cartelization:** The Bidder(s) acknowledges and agrees that any form of bid rigging, cartelization, or coordination among bidders, aimed at manipulating the bidding process or prices, is strictly prohibited. In the event of any evidence or suspicion of collusion, bid rigging, or cartel behavior, the Tendering Authority reserves the right to reject the bid(s) and take appropriate legal action, including but not limited to debarment from future tenders and reporting to relevant authorities. Bidders are required to submit their bids independently, without any undue influence or agreement with other participants in the tender process.

28. Integrity Clause

- **Integrity Pact:** The Bidder/Supplier/Contractor shall maintain the highest standards of integrity and shall not indulge in any corrupt, fraudulent, collusive, coercive, or undesirable practices while participating in the tender process or in execution of the contract.
- **Prohibition of Corrupt Practices:** The Bidder shall not offer, give, solicit or accept, directly or indirectly, any bribe, gift, consideration, reward, commission, or other advantage as an inducement or reward for doing or forbearing to do any act in relation to the tender or contract.
- **Compliance with Laws:** The Bidder shall comply with all applicable laws, rules, regulations, and guidelines, including but not limited to the General Financial Rules (GFR) issued by the Government of India and relevant procurement manuals.
- **Declaration of Non-Conflict:** The Bidder affirms that it has not been convicted of any offense involving corrupt or fraudulent practices and is not involved in any ongoing investigation related to such offenses.
- **Consequences of Breach:** Any violation of this Integrity Clause shall entitle the Purchaser/Contracting Authority to reject the bid, terminate the contract, and take any other legal action including blacklisting/debarment as per applicable rules.
- **Reporting Mechanism:** Bidders may report any observed or suspected violation of this clause through appropriate channels as prescribed in the tender documents or procurement manuals.

29. **MSE's & Startups Exemption Applicability:** ICAT reserves right to relax the condition of prior turnover and prior experience for Micro or Small Enterprise (MSE) and Start-up enterprises subject to meeting of quality & technical specifications. The decision of the Procuring Entity in this regard shall be final.

- If the bidder is a Micro or Small Enterprise as per latest orders issued by Ministry of MSME, the bidder may be exempted from the eligibility criteria of "Experience Criteria" as defined above subject to meeting of quality and technical specifications. The bidder seeking exemption from Experience Criteria shall upload the supporting documents to prove his eligibility for exemption.
- If the bidder is a Micro or Small Enterprise (MSE) as per latest orders issued by Ministry of MSME, the bidder may be exempted from the eligibility criteria of "Bidder Turnover" as defined above subject to meeting of quality and technical specifications. If the bidder itself is MSE OEM of the offered products,

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it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking exemption from Turnover shall upload the supporting documents to prove his eligibility for exemption.

- If the bidder is a DPIIT registered Startup, the bidder may be exempted from the eligibility criteria of "Experience Criteria" as defined above subject to their meeting of quality and technical specifications. The bidder seeking exemption from Experience Criteria shall upload the supporting documents to prove his eligibility for exemption.
- If the bidder is a DPIIT registered Startup, the bidder may be exempted from the eligibility criteria of "Bidder Turnover" as defined above subject to their meeting of quality and technical specifications. If the bidder is DPIIT Registered OEM of the offered products, it would be exempted from the "OEM Average Turnover" criteria also subject to meeting of quality and technical specifications. The bidder seeking exemption from Turnover shall upload the supporting documents to prove his eligibility for exemption.

30. **Preference to Make In India products (For bids < 200 Crore):** Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate. The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023. OM_No.1_4_2021_PPD_dated_18.05.2023 for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

31. Purchase preference will be given to MSEs having valid Udyam Registration and whose credentials are validated online through Udyam Registration portal as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail themselves of the Purchase preference, the bidder must be the manufacturer / OEM of the offered product on GeM. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises and hence resellers offering products manufactured by some other OEM are not eligible for any purchase preference. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service, and Buyer will decide eligibility for purchase preference based on documentary evidence submitted, while evaluating the bid. If L-1 is not an MSE and MSE Seller (s) has / have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference / price band defined in relevant policy, such MSE Seller shall be given opportunity to match L-1 price and contract will be awarded for 25% (selected by Buyer) percentage of total quantity. The buyers are advised to refer the OM No. F.1/4/2021-PPD dated 18.05.2023 OM_No.1_4_2021_PPD_dated_18.05.2023 for compliance of Concurrent application of Public

Additional Terms & Conditions (ATC)

Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017. Benefits of MSE will be allowed only if seller is validated on-line in GeM profile as well as validated and approved by Buyer after evaluation of documents submitted.

ICAT CTL (Large Climatic Chamber)

Additional Terms & Conditions (ATC)

Annexure -G Pre-Acceptance Criteria

Acceptance Criteria: All drawings, utility requirements, interface specifications with the Civil Works, and detailed lists of all elements to be supplied, including the principal technical specifications, shall be submitted to ICAT for review and approval. Acceptance shall be contingent upon ICAT's written verification and approval of the aforementioned documents.

Should ICAT require any amendments, clarifications, or modifications, the Supplier shall revise and resubmit the relevant documents accordingly, at no additional cost and within the timeframe stipulated by ICAT. All such modifications shall be deemed mandatory and shall form part of the Supplier's contractual obligations.

Pre-Acceptance

1. **General Requirements:** Prior to delivery, ICAT's duly authorized representatives shall conduct a comprehensive inspection and pre-acceptance testing of the fully assembled equipment to be supplied. The purpose of this inspection and testing is to enable the Supplier to demonstrate full compliance with all technical, operational, and performance requirements set forth in the tender documents.
2. **Non-Compliance and Remedial Actions:** Any defects, deficiencies, or instances of non-compliance identified during the pre-acceptance process shall be rectified by the Supplier at its sole cost and expense. All corrective actions shall be carried out to the satisfaction of ICAT and within the timeframe specified by ICAT. No additional charges, extensions, or claims shall be permitted in relation to such remedial work.
3. **Duration and Limitations:** The pre-acceptance tests shall have a duration of three (3) consecutive days. Completion of the off-site inspections and tests shall not constitute, nor be construed as, final acceptance of the equipment. Pre-acceptance does not waive ICAT's right to reject the equipment at a later stage should any non-conformity with the tender specifications be discovered.
4. **Scope of Pre-Acceptance for Specific Equipment:** The pre-acceptance activities shall include, but not be limited to, the verification of the Large Climatic Chamber (2.5 m × 2.5 m × 2.5 m) integrated with the 6000 KGF ED Vibration Shaker, as referenced in the Scope of Supply.
5. **Pre-Acceptance Activities:** The pre-acceptance visit shall comprise, at a minimum, the following activities
 - **Visual inspection** of the actual equipment and all supplied components.
 - **Operational inspection** of the testing equipment while running a real sample or **distributed load of 450kg**.
 - **Review and verification** of the complete calibration procedure.
 - **Verification of compliance** to ensure that the equipment is capable of performing all required tests in accordance with the standards, regulations, and technical criteria stipulated in this tender, and that the equipment meets the operational needs of the laboratory.

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Annexure - H

Final Acceptance Test (FAT) Criteria

1. **Initial Verification Procedures:** Upon delivery and installation of the equipment on-site, the following inspections and verifications shall be carried out by ICAT's authorized representatives, in the presence of the Supplier
 - **Calibration Verification:** Review and confirmation that the calibration certificates correspond to the serial numbers of the equipment delivered. All calibration values shall be verified to ensure they fall within admissible tolerances.
 - **On-Site Recalibration:** A complete recalibration of the equipment shall be performed on-site in accordance with the applicable standards and manufacturer procedures.
 - **Sensor Validation:** Verification of all sensors, including but not limited to bridges, connectors, and identification features.
 - **Software Validation:** Verification of the correct operation of all software components, including the ability to execute required functions and to export, transfer, or dump data in the prescribed formats.
 - **Power Supply Verification:** Verification of all electrical connections and confirmation that the power supply meets the required specifications and operates correctly with the equipment.
 - **System Validation:** Functional validation of all subsystems to ensure they operate in accordance with the technical requirements.
 - **Calibration Plan Verification:** Review and validation of the Supplier's proposed calibration plan applicable during the warranty period.
 - **Documentation Verification:** Verification of all documentation delivered, including manuals, certificates, technical drawings, software licenses, and maintenance procedures.
 - **Standards-Based Testing Capability:** ICAT may request the performance of any test referenced in the standards listed in this tender to confirm that the equipment is capable of meeting all required testing conditions.
 - **Operational Inspections with Samples:** Execution of inspections or tests using multiple sample types to demonstrate that the equipment's operation and outputs satisfy all requirements specified in this tender.
2. **Subsequent System Testing:** Upon successful and complete achievement of all initial checks described above, the following tests shall be conducted.
 - **Comprehensive Subsystem Evaluation:** The Supplier shall conduct a complete system evaluation and shall demonstrate to the full satisfaction of ICAT the correct and compliant operation of all subsystems and auxiliary devices. The Supplier shall provide evidence that all auxiliary devices meet or exceed the performance, accuracy, and operational requirements specified in the tender documents.

Additional Terms & Conditions (ATC)

The Supplier shall further verify and demonstrate that the equipment interfaces correctly and safely with all required utilities, infrastructure, and safety systems, in accordance with all applicable standards and tender specifications.

Any defects, malfunctions, deficiencies, or instances of non-conformity identified at this stage—whether or not such issues were detected during pre-delivery inspection shall be remedied by the Supplier promptly, at its sole cost and expense, and without any entitlement to additional payment or extension of time.

3. **Acceptance Testing of Auxiliary Devices:** ICAT reserves the right to conduct, or require the Supplier to conduct, any tests referenced in the technical specifications to evaluate the performance of the test beds, actuators, control systems, and all auxiliary devices. The Supplier shall demonstrate to ICAT's satisfaction that all performance, accuracy, and operational requirements have been fully met.

ICAT CTL (Large Climatic Chamber)

Additional Terms & Conditions (ATC)

Form "I"

Performa for Performance Bank Guarantee

(To be executed on non-Judicial stamped paper of an appropriate value)

WHEREAS International Centre for Automotive Technology having its office at Plot - 26, Sector - 3, IMT, Manesar, Gurugram - 122 051 (hereinafter referred to as "**The Owner**" which expression shall unless repugnant to the context includes their legal representatives, successors and assigns) and having their Corporate office at Plot No. 1, Sector - M11, Near Maruti Gate No. 4, IMT Manesar, Gurugram 122051, has executed a contract on [Please insert date of execution of Contract] ("**Contract**") with [insert name of the Successful Bidder](hereinafter referred to as the "**Contractor**" which expression shall unless repugnant to the context include its legal representatives, successors and permitted assigns) for the performance, execution and implementation of the Works ("**Works**" shall have the meaning ascribed to it in the Contract) based on the terms & conditions set out in the Tender Documents number [insert reference number of the Tender Documents] dated [insert date of issue of Tender Documents].....and various other documents forming part thereof.

AND WHEREAS one of the conditions of the Contract is that the Contractor shall furnish to the Owner a Bank Guarantee from a scheduled bank in India having a branch at Manesar for an amount equal to **5% (five percent)** of the total Contract Sum (the amount guaranteed under this bank guarantee shall hereinafter be referred to as the "**Guaranteed Amount**") against due and faithful performance of the Contract from the post-commissioning stage of the Works under the Contract, including the performance bank guarantee obligation and other obligations of the Contractor for the supplies made and the Works being performed and executed by under the Contract. This bank guarantee shall be valid from the date hereof up to the expiry of the Warranty Period including any extension thereof.

AND WHEREAS the Contractor has approached [insert the name of the scheduled bank] (here in after referred to as the "**Bank**") having its registered office at [insert the address].....and at the request of the Contractor and in consideration of the promises made by the Contractor, the Bank has agreed to give such guarantee as hereunder:-

- (i) The Bank hereby undertakes to pay under this guarantee, the Guaranteed Amount claimed by the Owner without any further proof or conditions and without demur, reservation, contest, recourse or protest and without any enquiry or notification to the Contractor merely on a demand. Any such demand made on the Bank by the Owner shall be conclusive as regards the amount due and payable by the Bank under this bank guarantee and the Bank shall pay without any deductions or set-offs or counterclaims whatsoever, the total sum claimed by the Owner in such Demand. The Owner shall have the right to make an unlimited number of Demands under this bank guarantee provided that the aggregate of all sums paid to the Owner by the Bank under this bank guarantee shall not exceed the Guaranteed Amount.
- (ii) However, the Bank's liability under this bank guarantee shall be restricted to an amount not exceeding [figure of Guaranteed Amount to be inserted here].....only).
- (iii) The Owner will have the full liberty without reference to the Bank and without affecting the bank guarantee to postpone for any time or from time to time the exercise of any powers and rights conferred on the Owner under the Contract and to enforce or to forbear endorsing any powers or rights or by reasons of time being given to the Contractor which under law relating the Surety would but for the provisions

Additional Terms & Conditions (ATC)

have the effect of releasing the surety.

- (iv) The rights of the Owner to recover the Guaranteed Amount from the Bank in the manner aforesaid will not be affected or suspended by reasons of the fact that any dispute or disputes have been raised by the Contractor and / or that any dispute(s) are pending before any office, tribunal or court in respect of such Guaranteed Amount and/ or the Contract.
- (v) The guarantee herein contained shall not be affected by the liquidation or winding up, dissolution, change of constitution or insolvency of the Contractor but shall in all respects and for all purposes be binding and operative until payment of all money due to the Owner in respect of such liability or liabilities is affected.
- (vi) This bank guarantee shall be governed by and construed in accordance with the laws of the Republic of India and the parties to this bank guarantee hereby submit to the jurisdiction of the Courts of New Delhi for the purposes of settling any disputes or differences which may arise out of or in connection with this bank guarantee and for the purposes of enforcement under this bank guarantee.
- (vii) All capitalized words used but not defined herein shall have the meanings assigned to them under the Contract.

NOTWITHSTANDING anything stated above, the liability of the Bank under this bank guarantee is restricted to the Guaranteed Amount and this bank guarantee shall expire on the expiry of the Warranty Period under the Contract. Unless a Demand under this bank guarantee is filed against the Bank within six (6) months from the date of expiry of this bank guarantee all the rights of the Owner under this bank guarantee shall be forfeited and the Bank shall be relieved and discharged from all liabilities hereunder. However, if the Contractor's obligations against which this bank guarantee is given, are not completed or fully performed by the Contractor within the period prescribed under the Contract, the Bank hereby agrees to further extend the bank guarantee for further periods of six months each till the Contractor fulfills its obligations under the Contract.

We have the power to issue this bank guarantee in your favor under Memorandum and Article of Association and the Undersigned has full power to do so under the Power of Attorney dated [*date of power of attorney to be inserted*].....granted to him by the Bank.

Date:

Bank

Corporate Seal of the Bank

By its constituted Attorney Signature of a person duly authorized to sign on behalf of the Bank.

Additional Terms & Conditions (ATC)
Form "II"

Bidder Information Checklist (Information/Documents to be submitted along with the Bid)

1	Name of the Bidder	
2	Address of the Bidder	
3	Contact Details of the Bidder	
	Telephone No. With STD Code	
	Fax No.	
	Mobile No.	
	E-mail ID	
	Website, if any	
4	Name of Proprietor/Partners/Directors of Firm/Agency	
5	Bidder Bank Details:	
	Name of Account Holder	
	Complete A/c No. (Current/Savings)	
	Name of Bank	
	Name of the Branch with Complete Address	
	IFS Code of the Branch	
	9 Digit MICR Code of the Branch	
6	Registration and Incorporation Particulars of the bidder indicating legal status such as Company, partnership/proprietorship concern, etc (Please attached copies of the relevant documents/certificates)	
7	GST Registration Details	
8	Copies of Permanent Income Tax Number (PAN)/Income Tax Circle	
9	Copies of Income Tax Returns Filed for the Last Three Financial Years should be attached	
10	Annual Turnover for the Last Three Years (Audited A/c Statements such as Profit & Loss A/c, Balance Sheets,	

Additional Terms & Conditions (ATC)

	etc for the last three financial years should be attached) <i>Form XVI</i>	
11	Original Copy of Authorization In Favor of Bidder From Manufacturer (OEM) Against this Tender Valid Throughout the Contract Period, in case the firm is not a manufacturer of the item (As per format given in <i>Form VII</i>).	
12	Proof of experience in supplying to State/Government Departments/PSUs/Autonomous Bodies/Reputed Private Institutions (Copies of Purchase Orders received from Central/State Departments/Ministries of the Government of India/PSUs/Autonomous Bodies/Reputed Private Institutions during the last three years should be enclosed). <i>Form XIV</i>	
13	Declaration regarding blacklisting or otherwise by the government departments as given in " <i>Form III</i> "	
14	The ATC (Additional Terms and Conditions document (all pages) duly signed and stamped as proof of having read the contents therein and in acceptance thereof should be enclosed	
15	Any other information document: Please specify	

Additional Terms & Conditions (ATC)

Form "III"

Undertaking Regarding Blacklisting/Non-Debarment

(Format of Undertaking, to be furnished in Company Letter Head With Regard to Blacklisting/Non-Debarment, By Organization)

To,
Director ICAT,
International Centre For Automotive Technology
Plot No. 26, Sector - 3, Near HSIIDC Office
IMT Manesar, Gurugram 122051 (Haryana - India)

We here by confirm and declare that we, M/s----- is not blacklisted/De-registered/debarred by any Government department/ Public Sector Undertaking/ Private Sector/ or any other agency for which we have executed/undertaken the works/services during the last 3 Years.

For.....

Authorised Signatory

Date:

ICAT CTL (Large Climate Chamber)

Additional Terms & Conditions (ATC)

Annexure "IV"
Format of Declaration In Lieu of EMD/Bid Security
(To be submitted on the Bidder's Letter Head)

To,
The Director
International Centre For Automotive Technology
Plot No. 26, Sector - 3, Near HSIIDC, IMT Manesar
Gurgaon - 122050

Reference: Supply, Installation, Testing and Commissioning of Large Climatic Chamber (2.5 M X 2.5 M X 2.5 M) to be Integrated with 6000 KGF ED Vibration Shaker at ICAT Centre - 1, Manesar (Haryana), "Tender No. ICAT/GeM/LCC/CTL/2025-26/170".

Sir/Madam,

We, the undersigned, solemnly declare that:

We understand the according to the conditions of this Tender Document, they must be supported by a Bid Securing Declaration In lieu of Bid Security/Earnest Money Deposit (EMD).

We unconditionally accept the conditions of this Bid Securing Declaration. We understand that we shall stand automatically suspended from being eligible for bidding in any tender in Procuring Organization for **1 Year (12 Months)** from the date of opening of this bid if we breach our obligations under the tender conditions if we:

1. Withdrawn/ Amend/Impair/Derogate, in any respect, from our bid, within the bid validity or
2. Being notified within the bid validity of the acceptance of our bid by the Procuring Entity:
 - a) Refused to or failed to produce original documents for scrutiny or the required Performance Security within the stipulated time under the conditions of the Tender Document.
 - b) Fail or refuse to sign the contract.

We know that this bid Securing Declaration shall expire if the contract is not awarded to us, upon:

1. Receipt by us for your notification
 - a) of cancellation of the entire tender process or rejection of all bids or
 - b) of the name of the successful bidder or
2. Forty-Five days after the expiration of the bid validity period or any extension to it.

(Signature with Date)

(Name and Designation)

Duly Authorized to Sign the Bid for and on behalf of (Name & Address of Bidder and Seal of Company)

Date on day of

Place.....

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Form "V"

Earnest Money Deposit

[To be executed on the Letter Head of the Bidder]

Date: _____

To,
International Centre for Automotive Technology
Plot - 26, Sector - 3, IMT, Manesar,
Gurugram - 122051 (Haryana)

Re: Tender No. _____

We hereby enclose NEFT/RTGS UTR No. _____, dated _____, for Indian Rupees _____ Only (to be filled in figures and words both), drawn on _____, in favour of "International Centre for Automotive Technology", payable at Manesar, India.

OR

We hereby enclose Earnest Deposit Money Bank Guarantee for Rs. _____ [amount to be filled in figures and words both] issued by _____ [Name of the Bank], on _____ [Insert date of issue] valid up to _____.

Name of Bidder

Signature of Authorised Representative

**Additional Terms & Conditions (ATC)
Form "VI"
Declaration In Respect of Conflict of Interest**

Tender No. ICAT/GeM/LCC/CTL/2025-26/170

Tender Detail: Supply, Installation, Testing and Commissioning of Large Climatic Chamber (2.5 M X 2.5 M X 2.5 M) to be Integrated with 6000 KGF ED Vibration Shaker at ICAT Centre - 1, Manesar (Haryana).

Sl. No.	Particulars			
1	Name of Firm			
2	Office Address Phone No. Fax No. Email ID			
3	Works Address as per Vendor Registration Phone No. Fax No. Email ID			
4	Type of Firm <i>Private Limited Company/Public Limited Company/Limited Liability Partnership (LLP)/Partnership Firm/Proprietor Firm (Tick whichever is applicable)</i>			
5	CIN/LLPIN of Firm			
6	GST No. of Firm			
7	Names of all Directors/LLP Partners/ Partners / Proprietors of Bidder Firm with DIN (if any) and full address (as on the bid submission date)			
	SI No.	Full Name	DIN	Full Residential Address
	1			
	2			
	3			
	4			
5				

The details of Legal Representative/Agent of the Bidder Firm are as Under:

Full Name of Legal Representative / Agent	
Whether employee of Bidder-Firm or not? (Yes/No)	
Designation	
Office Address	
Office Land-Line Nos.	

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Mobile No.	
Email ID	
Whether acting as Legal Representative / Agent in any other Private Limited Company or Public Limited Company or Limited Liability Partnership (LLP) or Partnership Firm or Proprietor Firm? If yes, give names.	

WE HEREBY DECLARE AND CONFIRM THAT no bid has been submitted for the quoted item by any other Private Limited Company or Public Limited Company or Limited Liability? partnership (LLP) or Partnership Firm or Proprietor Firm in which any relative of any Director or Partner or Proprietor of Bidder Firm is a Director, Partner or Proprietor. The word “relative” is defined as under:

The Companies Act, 2013 Sec 2(77) “relative”, with reference to any person, means anyone who is related to another, if–

- (1) they are members of a Hindu Undivided Family.
- (2) they are spouses; or
- (3) A person shall be deemed to be the relative of another, if they are related to another in the following manner, namely: -
 - a. Father including stepfather,
 - b. Mother including stepmother,
 - c. Son including stepson,
 - d. Son’s wife,
 - e. Daughter,
 - f. Daughter’s husband,
 - g. Brother including stepbrother,
 - h. Sister including stepsister.

WE FURTHER DECLARE THAT we have carefully read and understood the clause relating to ‘Conflict of Interest’ of Tender No. _____ . The detailed Clause is as under:

“A bidder shall not have conflict of interest with other bidders for quoted item. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity’s interests. The bidder found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process for quoted item, if:

- a) they have proprietor/ partner(s)/ Director(s) in common; or
- b) they receive or have received any direct or indirect subsidy/ financial stake from any of them; or
- c) they have the same legal representative/ agent for purposes of this bid; or

Additional Terms & Conditions (ATC)

- d) *they have relationships with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another bidder; or*
- e) *Bidder participates in more than one bid in this bidding process. Participation by a bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/ sub-assembly/ assemblies from one bidding manufacturer in more than one bid.*
- f) *in cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorize only one agent/ dealer. There can be only one bid from the following:*
- 1. The principal manufacturer directly or through one Indian agent on his behalf; and*
 - 2. Indian/ foreign agent on behalf of only one principal.*
- g) *a Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid.*
- h) *In case of a holding company that has more than one independent manufacturing unit or more than one unit having common business ownership / management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/ common business/ management units in same/ similar line of business.*
- i) *Bidder shall not act in contravention/ violation to the provisions of competition act, as amended from time to time.*

We hereby certify that our Firm M/s. _____ do not have any conflict of interest with other bidders for this tender.

We hereby declare and confirm that the above information and particulars are true and correct.

For (Firm Name)

Signature of Director/Partner/Proprietor/Authorized Signatory

Authorized Signatory Name:

Place:

Date:

Stamp / Seal of Firm

**Additional Terms & Conditions (ATC)
Form "VII"
OEM Authorization Certificate**

Date:

Reference: ICAT/GeM/LCC/CTL/2025-26/170

To

The Procurement Officer,

International Centre for Automotive Technology (ICAT),

Unit - National Automotive Board (NAB), Ministry of Heavy Industries (Govt. of India)

Plot No. 26, Sector 3, IMT Manesar, Gurugram - 122051, Haryana, India.

Subject: OEM Authorization Certificate for Participation in Tender for Supply, Installation, Testing and Commissioning of Large Climatic Chamber (2.5 M X 2.5 M X 2.5 M) to be Integrated with 6000 KGF ED Vibration Shaker at ICAT Centre - 1, Manesar (Haryana).

Dear Sir/Madam,

We, [OEM's Company Name], having our registered office at [OEM's Address], hereby authorize M/s [Bidder's Company Name], having its office at [Bidder's Address], to participate in the above-mentioned tender and to offer and supply our products, spares, and services as specified in the tender documents issued by ICAT.

This authorization is granted for the specific purpose of enabling M/s [Bidder's Company Name] to:

- Offer and supply genuine products and spares manufactured by us.
- Carry out installation, testing, commissioning, maintenance, and/or reconditioning services related to our equipment.
- Provide after-sales support, including warranty, repair, and service obligations as applicable under the scope of the tender.

We confirm that:

1. M/s [Bidder's Company Name] is our authorized dealer/reseller/partner for the following product line(s):
2. List of authorized equipment/systems/spares related to Large Climatic Chamber (2.5 M X 2.5 M X 2.5M)
3. The products and services offered by them shall be genuine, OEM-approved, and sourced directly through us or our authorized supply channels.
4. We shall extend all necessary technical support, spare parts supply, documentation, and warranty backing to M/s [Bidder's Company Name] for fulfilling their contractual obligations arising out of this tender, during both execution and warranty periods.
5. This authorization shall remain valid from [Start Date] to [End Date], unless earlier revoked by the OEM in writing with prior notice to ICAT.

We confirm that the authorization is being issued solely for the purpose of this specific tender and shall not be construed as a general appointment unless expressly stated.

We request you to consider this certificate as part of the technical bid submitted by M/s [Bidder's Company Name].

Yours sincerely,

Additional Terms & Conditions (ATC)

For and on behalf of [OEM's Company Name]

Authorized Signatory: _____

Name: [Full Name]

Designation: [Official Title]

Seal & Signature:

Date: [Insert Date]

Place: [Insert Place]

ICAT CTL (Large Climatic Chamber)

**Additional Terms & Conditions (ATC)
Form "VIII"**

**Declaration and Undertaking from Original Equipment Manufacturer (OEM)
(To be submitted Original on the OEM Letter Head)**

Date: _____

To,
The Purchase Office,
International Centre For Automotive Technology
Plot No. 26, Sector - 3, Near HSIIDC, IMT Manesar, Gurgaon 122050 (Haryana)

Sub: Undertaking by Original Equipment Manufacturer against Tender No. Supply, Installation, Testing and Commissioning of Large Climatic Chamber (2.5 M X 2.5 M X 2.5 M) to be Integrated with 6000 KGF ED Vibration Shaker at ICAT Centre - 1, Manesar (Haryana), "Tender No. ICAT/GeM/LCC/CTL/2025-26/170".

Dear Sir/ Madam, I/We, M/s _____ (Name of the OEM) having registered office at _____ (address of the manufacturer) by virtue of being original equipment manufacturer for the _____ (Name of the product/s).

We hereby confirm the following points.

1. Parts supplied by us are certified and compatible with the solution offered.
2. Parts supplied and available are not declared as End-Of-Life/ EOS for next **5 Years** from the date of acceptance. After installation, if such parts are found End-Of-Life, then it will be our responsibility to replace with newer and higher compatible parts along with implementation at no cost to the "**International Centre For Automotive Technology (ICAT)**" during the warranty period i.e., 2 Year (24 Months).

The undersigned is authorized to issue such authorization on behalf of M/s _____ (Name of the manufacturer).

For M/s _____ (Name of the manufacturer)

Signature & company seal

Name Designation

Email

Mobile No.

Additional Terms & Conditions (ATC)
Form "IX"
Undertaking For Product/Service Compliance
(To be submitted Original on Bidder Letter Head)

To,
The Purchase Office,
International Centre For Automotive Technology
Plot No. 26, Sector - 3, Near HSIIDC, IMT Manesar, Gurgaon 122051 (Haryana)

Sub: Undertaking for Product/Service Compliance

Dear Sir/ Madam,

I/We, [Bidder/Seller's Name] hereby undertake that all the Products/Services offered in response to the tender fully comply with the specifications or requirements mentioned in the tender document. We confirm that the offered products/services meet the technical requirements, standards, and features outlined in the tender. In case of any deviations, we commit to notifying the buyer and obtaining approval before the delivery of products.

Date: _____

Signature of Authorized Signatory: _____

Name and Designation: _____

Seal: _____

Additional Terms & Conditions (ATC)

**Form "X"
Undertaking**

This is to certify that we have carefully gone through the scope of work, job requirement, terms and conditions given in the tender documents & have clearly understood the terms and conditions of the tender and have accordingly quoted our best rates after going through all details. We hereby given an undertaking that we shall the material & services in accordance with your Tender/ ATC Document No. **ICAT/GeM/LCC/CTL/2025-26/170** as per the requirement during the period of contract.

Dated:

Place:

(Signature of the bidder with seal/rubber stamp)

ICAT CTL (Large Climatic Chamber)

Additional Terms & Conditions (ATC)

Form "XI"

No Deviation Declaration

(To be submitted Original on Bidder Letter Head)

Date: _____

To,
The Purchase Office,
International Centre For Automotive Technology
Plot No. 26, Sector - 3, Near HSIIDC, IMT Manesar, Gurgaon 122051 (Haryana)

Sub: No Deviation Declaration

Dear Sir/ Madam,

This is to certify that, the product (s) quoted items _____ by our firm M/s.....
..... is as per the given technical specifications in the tender document &
there is no deviation in relation to any conditions / requirements specified in the tender document. It is also to
declare that all other commercial clauses stipulated in the tender have been carefully seen. I hereby convey the
unconditional acceptance of the same.

Signature of Authorized Signatory with Stamp

For M/s _____

Signature & company seal

Name Designation

Email

Mobile No.

Additional Terms & Conditions (ATC)
Form "XII"
Deviations or Modification Suggested
(To be submitted Original on Bidder Letter Head)

The Bidder can present and justify here any modification or improvement to the Conditions of Contract proposed to in the interest of ICAT. Such suggestions should be concise and to the point. In case, the Bidder does not want to suggest any deviation, this section must contain a statement indicating "No Deviation Suggested".

Sl. No.	Clause No.	Existing Provision	Query/Suggestion

Note: Give clear reasons why you think the proposed solution is better than the Requirement expressed in **Annexure "A"** or any conditions expressed in **Annexure "F"**

Signature of Authorized Signatory with Stamp

For M/s _____

Signature & company seal

Name Designation

Email

Mobile No.

Additional Terms & Conditions (ATC)
Form "XIII"
Undertaking For Non-Subcontracting
(To be submitted Original on Bidder Letter Head)

To,
The Purchase Office,
International Centre For Automotive Technology
Plot No. 26, Sector - 3, Near HSIIDC, IMT Manesar, Gurgaon 122051 (Haryana)

Sub: Undertaking for Non-Subcontracting

Dear Sir/Ma'am,

I/We, [Bidder/Seller's Name], hereby undertake not to subcontract any aspect of the contract, including the supply and installation, without obtaining prior written consent from the buyer. We understand that failure to seek approval for subcontracting may result in disqualification from the bidding process.

Date: _____

Signature of Authorized Signatory: _____

Name and Designation: _____

Seal: _____

ICAT CTL (Large Climatic Chamber)

**Additional Terms & Conditions (ATC)
Form "XIV"**

Details of Contracts

(To be submitted Original on Bidder Letter Head)

Details of contracts with Central Govt./State Govt./PSUs/Autonomous Bodies & Reputed Private Firms in India managed by the Bidder during the last three (3) years in the following format (attested copies of the PO's and completion certificates may be closed).

SI No.	Details of client along with address, contact details (telephone, email, website, fax etc.)	Contract Value (INR)	Duration of contract	
			Order Received Date	Project Completion Date
1.				
2.				
3.				
4.				
5.				

(If the space provided is insufficient, a separate sheet may be attached)

Signature of authorized person

Date:

Name:

Place:

Seal:

**Additional Terms & Conditions (ATC)
Form "XV"
Declaration by the Bidder for Code of Integrity
(On the Letter Head of the Bidder)**

Date _____

To,
The International Centre For Automotive Technology
Unit - National Automotive Board (NAB), Ministry of Heavy Industry (Govt. of India)
Plot No. 26, Sector - 3, Near HSIIDC Office, IMT Manesar, Gurugram - 122051 (Haryana)

Dear Sir,

We, [Name of the Bidder], hereby solemnly affirm and declare that:

1. We have not engaged in any corrupt, fraudulent, collusive, coercive, or undesirable practices in competing for or in executing the contract for [Tender/Work/Service Description].
2. We have complied with all applicable laws, regulations, and guidelines including the General Financial Rules (GFR) and relevant procurement manuals issued by the Government of India.
3. We declare that no undue influence or payments have been made or promised to any official or employee of the Procuring Entity in connection with this tender.
4. We understand and agree that violation of this declaration shall result in rejection of our bid, termination of the contract, and/or legal actions as deemed appropriate by the Procuring Entity.
5. We commit to uphold integrity and transparency throughout the tendering process and contract execution.

Thanking you,

Yours faithfully,

[Signature of Authorized Signatory]

[Name of Authorized Signatory]

[Designation]

[Company Seal]

[Date]

**Additional Terms & Conditions (ATC)
Form "XVI"**

Format for Annual Turnover

(To be submitted on letterhead of Chartered Accountant along with their UDIN)

Ref: Supply, Installation, Testing and Commissioning of Large Climatic Chamber (2.5 M X 2.5 M X 2.5 M) to be Integrated with 6000 KGF ED Vibration Shaker at ICAT Centre - 1, Manesar (Haryana), "Tender No. ICAT/GeM/LCC/CTL/2025-26/170"

Annual Turnover Declaration

The Annual Turnover to be provided in the following format for the 3 (Three) Financial Years.

Financial Information (in INR)			
Financial Year	2022-23	2023-24	2024-25
Annual Turnover (In Lakhs)			
Average Annual Turnover:			
Note: Annual turnover should be certified by Chartered Accountant/ Statutory Auditors.			

Certificate from the Chartered Accountant/Statutory Auditor

This is to certify that _____ (Name of the Bidder) had a turnover as shown above against the respective financial years.

Name of the audit firm:

Seal of the audit firm:

Membership No. of Chartered Accountant:

UDIN:

Date:

(Signature, name and designation of the Chartered Accountant)

Note:

1. The details submitted by the Bidder in **"Form II"** must be corrected and submitted by the bidder with UDIN. **"Form XVI"** submitted without valid UDIN shall not be considered.
2. Average annual turnover over the last three years (i.e. 2023-23, 2023-24 & 2024-25) shall be min. INR 6 Cr.
3. Financial turnover: Financial statement / certificate duly signed and stamped from authorized Chartered Accountant with **UDIN No**

Additional Terms & Conditions (ATC)

Form "XVII"

Declaration regarding "Restrictions on Procurement from a Bidder of a Country Which Shares a Land Border with India".

(To be submitted on Applicant's Letter Head)

To,
International Centre For Automotive Technology
Unit - National Automotive Board
Plot - 26, Sector - 3, Near HSIIDC Office
IMT Manesar, Gurgaon 122051

Dear Sir,

With reference to our bid proposal for participation in ICAT tender *ATC Document No. ICAT/GeM/LCC/CTL/2025-26/170*, I/we hereby confirm that, I/We have read the clause as mentioned in the tender document mentioned above regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries.

I/We certify that we/our Collaborator/JV Partner/Consortium member/Assignee are/is not from such a country or, if from such a country, have/has been registered with the Competent Authority and we will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority.

We hereby certify that we fulfil all requirements in this regard and are eligible to be considered.

We further confirm that evidence of valid registration by the Competent Authority for us/our Collaborator/JV Partner/Consortium member/Assignee, as applicable, is enclosed as Annexure.

*Bidder to strike-off, if not applicable.

**Bidder to mention the Annexure no.

Date: _____ Place: _____

Seal of Organization & Signature of Authorized Applicant

**Additional Terms & Conditions (ATC)
Form "XVIII"
Certificate Regarding Declaration of Local Content
(On the Bidder Letter Head)**

To,
International Centre For Automotive Technology
Unit - National Automotive Board
Plot No. 26, Sector - 3, Near HSIIDC Office, IMT Manesar
Gurgaon - 122051 (Haryana)

Sub: Compliance of Minimum Local Content Requirement as mentioned in Ministry of Commerce and Industry Trade and order no. P-45021/2/2017-PP(BE-II) dated 4th June' 2020

Ref: NIT/GeM Document No:

Dear Sir/Madam,

This is to certify that following is the local content percentagebeing offered/quoted against aforementioned tender by M/s....., the same is in compliance with Ministry of Commerce and Industry order no: **P-45021/2/2017-PP(BE-II) dated 4th June' 2020** and the bidder shall strictly abide by all provisions of the subject notification.

SI. No.	Description of Goods/Services	Percentage of Local Content
1		

Thanking You,

Yours Faithfully,

Authorised Signatory

Date.....

Place.....

Additional Terms & Conditions (ATC)

Form "XIX"

Price Reasonability Declaration Letter
(On Bidder Letter Head)

To
The Director,
International Centre for Automotive Technology (ICAT),
Unit - National Automotive Board (NAB), Ministry of Heavy Industries, Government of India,
Plot No. 26, Sector 3, IMT Manesar, Gurugram - 122051, Haryana (India).

Subject: Supply, Installation, Testing and Commissioning of Large Climatic Chamber (2.5 m X 2.5 m X 2.5 m) to be Integrated with 6000 kgf ED Vibration Shaker at ICAT Centre - 1, Manesar (Haryana).

Reference: ICAT/GeM/LCC/CTL/2025-26/170

Dear Sir/Madam,

We, M/s _____ (Name of Bidder), having our registered office at _____, do hereby certify and declare as under:

1. That the prices/rates quoted by us in response to the above-mentioned tender for the Supply, Installation, Testing and Commissioning of Large Climatic Chamber (2.5 m X 2.5 m X 2.5 m) to be Integrated with 6000 kgf ED Vibration Shaker are **exclusive to the International Centre for Automotive Technology (ICAT)**.
2. That the prices offered are **not higher than those charged** to any other Government Department, Public Sector Undertaking (PSU), Autonomous Body, or reputed private automotive testing agency for similar goods or services, in the **recent past**.
3. That we have extended the **maximum applicable discount** to ICAT and hereby confirm that the price quoted to ICAT is the **lowest** offered by us to any of the institutions or organizations as mentioned above for comparable goods/services.
4. That in the event it is discovered at any stage during the currency of the contract that we have supplied the same or substantially similar goods/services to any other Government/PSU/Autonomous Body/Private Automotive Testing Agency at a **lower price**, we agree and undertake that ICAT shall, at its sole discretion, be entitled to exercise any one or more of the following remedies, without prejudice to its other legal rights or remedies:
 - Demand and recover the differential amount from us by way of refund or adjustment.
 - Cancel the purchase order in full or in part, without any liability on the part of ICAT.
 - Debar/blacklist us from participation in future tenders or procurement processes of ICAT.
 - Initiate appropriate legal proceedings under applicable laws for misrepresentation or breach of declaration.

We understand and accept that this declaration is a binding commitment forming an integral part of our bid, and any violation may result in appropriate penal or legal action.

Thanking you,

Yours faithfully,

For and on behalf of M/s _____

Authorized Signatory: _____

Name & Designation: _____

Seal of the Bidder: _____

Date & Place: _____

Additional Terms & Conditions (ATC)

Form "XX"

Site Visit Declaration

(To be submitted on the Bidder's Official Letterhead)

Date: [Insert Date]

To
The Director
International Centre for Automotive Technology (ICAT)
ICAT Centre - 26, Sector - 3, Near HSIIDC Office
IMT Manesar, Gurugram - 122051
Haryana, India

Subject: Declaration of Site Visit - Tender No. ICAT/GeM/LCC/CTL/2025-26/170

Dear Sir/Madam,

We, the undersigned, hereby submit this declaration in accordance with the terms and conditions of the above-referenced tender and do solemnly affirm as follows:

1. That we have conducted a site visit at ICAT Centre - 1, IMT Manesar, Gurugram, Haryana, in connection with the tender for "Supply, Installation, Testing and Commissioning of Large Climatic Chamber (2.5 m X 2.5 m X 2.5 m) to be Integrated with 6000 kgf ED Vibration Shaker at ICAT Centre - 1, Manesar (Haryana)."
2. That the site visit was undertaken by our duly authorized representative(s), with prior coordination and confirmation from ICAT officials, on the scheduled date and time.
3. That during the said visit, we have:
 - Inspected and assessed the site location and its surroundings.
 - Noted the topographical, geographical, and environmental conditions.
 - Evaluated site access, space availability, logistical constraints, and other relevant physical factors.
 - Obtained all necessary and pertinent information required to ensure proper planning and execution of the proposed scope of work under the tender.
4. We have fully understood the specific technical and functional requirements pertaining to the integration of the Large Climatic Chamber with the existing 6000 kgf ED Vibration Shaker and have taken the same into account while preparing our technical and financial proposals.
5. That we have thoroughly considered all aspects and observations made during the site visit in the formulation of our bid and confirm that we are able to undertake the work as per the tender specifications.
6. That we acknowledge and agree that no additional claim, compensation, or request for clarification shall be entertained by ICAT at any stage due to any ignorance, oversight, or misinterpretation of site conditions or integration requirements.
7. That this declaration is submitted in compliance with the tender requirements and shall form an integral and binding part of our bid submission.

Additional Terms & Conditions (ATC)

We hereby affirm the truth and completeness of the above statements and undertake full responsibility thereof.

Yours faithfully,

For and on behalf of: [Name of the Bidder]

Authorized Signatory: _____

Name: [Insert Name]

Designation: [Insert Designation]

Signature with Company Seal

ICAT CTL (Large Climatic Chamber)

Additional Terms & Conditions (ATC)
Form "XXI"
Technical Compliance Checklist

Form XXI Checklist			Supplier Name			
Requirement ID	General Functionality	Specific Functionality	Requested Info for each requirement to be filled in column "Proposed Specification"	Essential parameter	Minimum Requirement	Proposed Specifications · Bidder to fill with Proposed Specification included in its Offer for each individual requirement. · Detailed description of all Items to be included in Annexure - A: Detailed Technical Specifications . · For each Proposed Specification that deviates from Minimum Requirement, one entry shall be done in document Form - XI: Deviations "
1	General Comments	➤ Ramp rate for climatic chamber is considering with load of max. 450 kg.	Specify Yes/No	Yes	Required	
		➤ All dimensions are approximate. Different options for sizes are accepted if volume is complying and samples can fit correctly	Describe	Yes	Required	
2	Dimensions and main characteristics	The characteristics listed below shall be considered minimum requirements apart from any other characteristic required for the compliance with the standards and/or feasibility to perform the tests in the described manner. The supplier shall specify the inner and outer dimensions of the climatic chambers depending on the standardisation degree available. This equipment is intended to be used for more than one test.	Describe	Yes	Required	
3	Large Climatic Chamber.	➤ Approx. Inner dimensions.	Specify	Yes	2.5 M (L) X 2.5 M (B) X 2.5 M (H)	

Additional Terms & Conditions (ATC)

		➤ Minimum volume	Specify	Yes	15.63 m ³ .	
		➤ Temperature range	Specify	Yes	-40 °C to + 180 °C	
		➤ Temperature accuracy at steady state.	Specify	Yes	➤ In time: ± 2 °C ➤ In space: ± 2 °C. ➤ Resolution: ± 0.1 °C.	
		➤ Cooling and heating with load of max. 450 kg	Specify	Yes	5 °C/min	
		➤ Humidity control from 20 to 95% relative humidity between 20 °C to 90 °C. (Performance will be checked at 50% @ 20 °C & 95% @50 °C)	Specify	Yes	Required	
		➤ Accuracy relative humidity (In time).	Specify Yes/No	Yes	± 5%	
4	Integration of Climatic Chamber with Electrodynamic Vibration Shaker	<p>The chamber is to be integrated with the 6000 kgf ED Vibration Shaker (ED Shaker is already available with ICAT) with Head Expander, Armature Coil and Horizontal Slip Table (with suitable thermal barrier). The chamber supplier shall supply all items required for the interface with shaker. The following are important details.</p> <p>a. Size of Head Expander = 1.2 m x 1.2 m (guide HE with VLS/LSP).</p> <p>b. Size of Slip Table = 1.2 m x 1.2 m</p> <p>c. Max. displacement = 75 mm (p-p)</p>	Specify Yes/No	Yes	Required	
		The chamber should have provision of movement in vertical/ Z direction for easy interface with shaker.	Specify Yes/No	Yes	Required	
		Chamber should have provisions for Mounting of racks for partition or test utility box (weight 40 kg) on to the side walls of the chamber.	Specify Yes/No	Yes	Required	
		Chamber should have bottom floor for easy integration with shaker or to be used as standalone system, by providing suitable cut-out enclosure (insulated panels same as like floor of chamber).	Specify Yes/No	Yes	Required	

Additional Terms & Conditions (ATC)

		<p>Note: - Climatic Chamber should integrate the Vertical Load Support (VLS)/LSP System of Vibration Shaker which will be guided at 4 corners (size of guided HE & Slip Table = 1.2 m x 1.2 m). The top surface of VLS/LSP should match/flush with the floor level of bottom of chamber. The CAD Drawing of VLS/LSP will be provided to the successful bidder</p>	Specify Yes/No.	Yes	Required	
5	Chamber Construction and Feature	<p>1. Chamber Structure: The climate chamber shall be a self-supporting structure.</p>	Specify Yes/No.	Yes	Required	
		<p>2. Chamber Movements: Motorized movements to integrate with vibration shaker Vertical: Total travel 1 Meter up & down from the ED shaker slip table.</p>	Specify Yes/No.	Yes	Required	
		<p>3. Chamber Construction 3.1 Dimensions: ➤ Internal Usable Dimensions: Depth: 2500 mm Width: 2500 mm Height: 2500 mm</p>	Specify	Yes	Required	
		<p>➤ External Dimensions: Supplier to specify external dimensions, footprint, and weight in the bid documentation.</p>	Describe	Yes	Required	
		<p>3.2 Material: ➤ Interior to be constructed from corrosion-resistant stainless steel 304 with TIG-welded joints -3rd party certificate required.</p>	Specify Yes/No	Yes	Required	
		<p>➤ Reinforced bottom flooring to handle at least 450 kg distributed load</p>	Specify Yes/No	Yes	Required	
		<p>3.3 Chamber Base Plate Type:</p>	Describe	Yes	Required	
		<p>➤ Base plate-1: Cutout of 1200 mm X 1200 mm in the center of chamber for the integration with Vibration shaker head expander and slip table along with its cover for stand-alone use. Cover: It is made of the same material as the base plate and used in stand-</p>	Specify Yes/No	Yes	Required	

Additional Terms & Conditions (ATC)

		alone condition testing to avoid heat losses.				
		➤ Base late-2: Cutout of Dia 450 mm for the integration with Vibration shaker armature along vertical axis with its cover.	Specify Yes/No	Yes	Required	
		3.4 Chamber base plate Payload Capacity: ➤ Chamber base plate: Minimum of 450 kg distributed load. To be verified with the dead weight of 25 kg each.	Specify	Yes	Required	
		3.5 Doors and Windows ➤ Doors: Double swing doors with a clear opening of 2500 mm width and 2500 mm height.	Specify Yes/No	Yes	Required	
		➤ Viewing Window: This door shall have a heated multilayer glass inspection window of approx. 40cm x 40 cm.	Specify	Yes	Required	
		➤ Insulation: PU foam and non-combustible glass wool/mineral wool with a K-factor of 0.11 or better to ensure minimal heat transfer-3rd party certificate required.	Specify	Yes	Required	
		3.6 Internal Illumination (Safety) ➤ Illumination Design: Concealed lighting within chamber walls/roof. ➤ A light source of lux value between 400 - 500 lux at +20°C inside the chamber to increase the visibility of the interior.	Specify Yes/No	Yes	Required	
		3.7 DM Water Requirements for Humidity Control ➤ Supplier to specify the DM water requirements, including Piping and plumbing connections.	Specify	Yes	Required	
6	Control & Monitoring System	➤ The control shall be in a secure place next to the climatic chamber.	Specify Yes/No	Yes	Required	

Additional Terms & Conditions (ATC)

		<p>➤ The control system shall consist of a computer with a universal control system with which the temperature, relative humidity, condition variation speed, etc. will be able to be set. The system shall also display every measured data in an adequate way. The test routines will be saved as specific commands in order to make the test easier and faster without the necessity of programming every test each time. Whenever it is necessary to carry out a different or special test, it will be possible to program it at this control station.</p>	Specify Yes/No	Yes	Required	
		<p>➤ The control station will have at least outputs for temperature and for relative humidity, and two input channels: one for the temperature and one for the relative humidity.</p>	Specify Yes/No	Yes	Required	
		<p>The bidder shall also include a control system for following minimum specifications: 1. PC installed with Colour printer and RS232 LAN connection.</p>	Specify Yes/No	Yes	Required	
		<p>2. PLC Control System: Microprocessor-based PLC system for precise control and monitoring</p>	Specify Yes/No	Yes	Required	
		<p>3. Control Panel: ➤ Minimum 10-inch color touch panel with LED backlight, featuring power ON/OFF switch, safety power switch, and other controls.</p>	Specify Yes/No	Yes	Required	
		<p>➤ Data logging with at least 8 GB internal storage, exportable in CSV and other formats.</p>	Specify Yes/No	Yes	Required	
		<p>4. Operating and Programming Modes: ➤ Manual and programmable modes available (Setting and indication ranges).</p>	Specify Yes/No	Yes	Required	

Additional Terms & Conditions (ATC)

	<ul style="list-style-type: none"> ➤ Constant operation: Temperature: -40 to +180° C 	Specify Yes/No	Yes	Required	
	4.1 Programming operation: <ul style="list-style-type: none"> ➤ Temperature: -40 to +180° C ➤ Time: 0 to 9999 hours 59min 	Specify Yes/No	Yes	Required	
	4.2 Cyclic operation: <ul style="list-style-type: none"> ➤ High temperature soak +25 to +180° C ➤ Low temperature soak -40 to 25° C 	Specify Yes/No	Yes	Required	
	<ul style="list-style-type: none"> ➤ Soak time- 1min to 99 hours 59 min 	Specify Yes/No	Yes	Required	
	<ul style="list-style-type: none"> ➤ Ramp rate: 0.1° C/min to 5° C/min or more 	Specify Yes/No	Yes	Required	
	<ul style="list-style-type: none"> ➤ Program segments for ramp-up/down, ramp rates, constant temperature, delayed start, and start from any segment. 	Specify Yes/No	Yes	Required	
	4.3 Auto Restart: Automatic resumption of operations from the last point after power restoration.	Specify Yes/No	Yes	Required	
	4.4 Status Display: Real-time display of breakdowns and alarm messages on the controller.	Specify Yes/No	Yes	Required	
	4.5 Program and Auto-Tuning Features: <ul style="list-style-type: none"> ➤ Supports at least 99 programs, each with 99 segments, and nesting capability for up to 500 loops. ➤ Auto-tuning for optimal system performance. 	Specify	Yes	Required	
	4.6 Communication Interface: High-speed	Specify Yes/No	Yes	Required	
	4.7 Calibration: Allows calibration of selected temperature values via the controller.	Specify Yes/No	Yes	Required	
	4.8 Functional Access: Password-protected, menu-driven system to prevent unauthorized access to calibration and PID tuning. Service menu password with PID parameters must be provided.	Specify Yes/No	Yes	Required	

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		<p>4.9 Remote Monitoring: Fully web-enabled, Ethernet-compatible, with internet-ready access from any device (PC, tablet, mobile). Email notifications for chamber status monitoring.</p>	Specify	Yes	Required	
		➤ Reading of temperature and humidity instant values.	Specify Yes/No	Yes	Required	
		➤ Graphical representation of Cyclic programs for Temperature and Humidity readings.	Specify Yes/No	Yes	Required	
		➤ Monitoring of the equipment status: alarms, pressures, cooling water temperature.	Specify Yes/No	Yes	Required	
		➤ Main control of the chamber: set points, on/off.	Specify Yes/No	Yes	Required	
		➤ Possible programming of test cycles according regulation testing procedures and OEM's testing specifications (temp/HR/time).	Specify Yes/No	Yes	Required	
		➤ Data record of the test: temperature of the chamber, humidity and alarms.	Specify Yes/No	Yes	Required	
		➤ Provision for plotting the data acquire through analog/ digital ports.	Specify Yes/No	Yes	Required	
		➤ Test cycle report generation for the selected channels through software.	Specify Yes/No	Yes	Required	
		➤ Easy and fool proof programming of cycles using the software.	Specify Yes/No	Yes	Required	
		➤ Emergency stop system.	Specify Yes/No	Yes	Required	
7	Control Software Features	➤ Compatibility: Windows-based software compatible with Windows 10 or higher, with a perpetual license.	Specify	Yes	Required	
		➤ User Interface: Software supports logging, plotting, programming, and viewing process variables and set points.	Specify Yes/No	Yes	Required	
		➤ Data Export: Ability to export logged data in Excel, Word, or PDF formats.	Specify Yes/No	Yes	Required	

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		<ul style="list-style-type: none"> ➤ Software Setup: Provided on pen drive or CD 	Specify Yes/No	Yes	Required	
		<ul style="list-style-type: none"> ➤ Control Modes: Supports both manual and auto mode operations. 	Specify Yes/No	Yes	Required	
		<ul style="list-style-type: none"> ➤ Communication Interface: Ethernet interface for controlling the chamber through PC software. 	Specify Yes/No	Yes	Required	
8	Other Test Space Requirements	<ul style="list-style-type: none"> ➤ Humidity Control: Capacitive humidity sensor with automatic purge system and condensation protection features. Control shall be precise to meet the test humidity and homogeneity requirements. Option to enable or disable the condensation protection for the test. Bidder to specify details of the dehumidification unit. 	Specify Yes/No	Yes	Required	
		<ul style="list-style-type: none"> ➤ Temperature Measurement and Monitoring: Standard sensors for measuring air temperature shall be provided, along with a free sensor for controlling and measuring the product temperature. A minimum of five additional adjustable thermocouples shall be included for monitoring the temperature of the Device Under Test (DUT). The chamber controller software/HMI display shall provide provisions for monitoring all temperature measurements. 	Specify	Yes	Required	
		<ul style="list-style-type: none"> ➤ Air Circulation: The chamber shall utilize a forced air convection system with provisions for controlling the air circulating fan speed. The bidder/chamber manufacturer must also provide the air velocity values at the center of the chamber. 	Specify Yes/No	Yes	Required	
9	Heating and Cooling Systems	<ul style="list-style-type: none"> ➤ No direct radiation to the test specimen 	Specify Yes/No	Yes	Required	

Additional Terms & Conditions (ATC)

	<ul style="list-style-type: none"> ➤ Capable of heat compensation of 3000 Watts at 20°C and 8000 Watts at -20°C. 	Specify Yes/No	Yes	Required	
	<ul style="list-style-type: none"> ➤ Cooling: <ol style="list-style-type: none"> 1. Remote/Isolated Refrigeration: <ol style="list-style-type: none"> 1.1 Refrigeration unit placed on the same floor as the test cabinet, with hoses running between them. 1.2 Bidder to specify minimum and maximum allowable distances between unit and cabinet. 	Specify Yes/No	Yes	Required	
	<ul style="list-style-type: none"> ➤ Water-Cooled System: System must be water-cooled. Provide details on plumbing, water consumption, and required rating for the chiller in the Utility Matrix. 	Specify	Yes	Required	
	<ul style="list-style-type: none"> ➤ Piping: Welded for leak-proofing, ensuring no irregularities. 	Specify Yes/No	Yes	Required	
	<ul style="list-style-type: none"> ➤ Refrigerants: Use Environment-Friendly, CFC-free refrigerants (e.g., R23, R404). 	Specify Yes/No	Yes	Required	
	<ul style="list-style-type: none"> ➤ Insulation: Cold lines must have thick continuous elastomeric foam insulation. 	Specify Yes/No	Yes	Required	
	<ul style="list-style-type: none"> ➤ Compressor: Use semi-hermetic compressors (Copeland, Bitzer, Emerson, Dorin, or equivalent) on anti-vibration springs. 	Specify	Yes	Required	
	<ul style="list-style-type: none"> ➤ Safety Features: Include high/low pressure cut-off switches and overload/no load protection. 	Specify Yes/No	Yes	Required	
	<ul style="list-style-type: none"> ➤ Auto Drain: Provide automatic drain for condensed water. 	Specify Yes/No	Yes	Required	
	<ul style="list-style-type: none"> ➤ Pressure Indicators: Indicators for suction/discharge 	Specify Yes/No	Yes	Required	

Additional Terms & Conditions (ATC)

		refrigerant pressure must be included.				
		<ul style="list-style-type: none"> ➤ Temperature Monitoring: Monitor temperatures for suction and discharge lines of the compressor. 	Specify Yes/No	Yes	Required	
		<ul style="list-style-type: none"> ➤ Noise Level: Ensure noise level is ≤ 80 dB(A) at 1 meter distance. 	Specify Yes/No	Yes	Required	
10	Visibility	To allow the vision of the interior of the chamber during the tests, the climatic chamber shall have an inspection window and a light source of lux value between 400 - 500 lux at +20°C inside the chamber to increase the visibility of the interior.	Specify Yes/No	Yes	Required	
11	Chamber materials	The chamber materials shall be corrosion resistant stainless steel 304 with TIG-welded joints -3rd party certificate required. They shall also be impermeable and thermally isolated and resist high and low temperatures. PU foam and non-combustible glass wool/mineral wool with a K-factor of 0.11 or better to ensure minimal heat transfer-3rd party certificate required.	Specify Yes/No	Yes	Required	
		The connections between the interior of the chamber, where tests will go on, and the exterior controls and power supplies shall avoid significant temperature, humidity or water losses.	Specify Yes/No	Yes	Required	
12	Access	Portholes (Circular, four nos. Two for each side of wall (ϕ 150 mm & ϕ 200 mm) for cables, pneumatic connections, etc. shall be available. Each breakthrough will have rubber plugs to cover it when not used.	Specify Yes/No	Yes	Required	
		The access door of the climatic chamber shall leave enough space to operate properly before, during and after the tests. Proper drains shall be provided so that no water due to condensation / water from humidity cycle gets accumulate in the chamber or sip into the shaker.	Specify Yes/No	Yes	Required	

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13	Safety Equipment and Safety Instructions	1. A steady state overheating safety thermostat shall be installed to switch off the unit automatically if the test chamber's maximum temperature range is exceeded.	Specify Yes/No	Yes	Required	
		2. In addition to the programmable limit value of the control system, the test chamber shall be equipped with an overheating and low temperature thermostat which can be adjusted digitally (specimen protection with separate sensor). The setting range shall cover at least the whole range plus 5°C.	Specify	Yes	Required	
		➤ Single phase preventor.	Specify Yes/No	Yes	Required	
		➤ Inbuilt compressor winding thermal protection.	Specify Yes/No	Yes	Required	
		➤ High discharge temp./high suction temp. protection.	Specify Yes/No	Yes	Required	
		➤ Over temperature safety.	Specify Yes/No	Yes	Required	
		➤ Emergency stop system (01 No. on chamber & 01 No. in control room).	Specify Yes/No	Yes	Required	
14	Fire and Safety Features	➤ Chamber Safety features Chamber manufacturers to ensure chamber construction along with suitable accessories to meet the safety features. Bidder to explicitly indicate all the design features and accessories utilized to meet the same. Also, the bidder shall indicate the replaceable parts/consumables.	Specify Yes/No	Yes	Required	
		Note: 1. Safety features shall not narrow the temperature range of the chamber mentioned in the requirement, nor shall the safety features decrease the maximum achievable dew point in the chamber.	Specify Yes/No	Yes	Required	
		2. Provide CE/Equivalent BIS Certification for Fire & Safety.	Specify Yes/No	Yes	Required	
		➤ Machine shall have at least following safety features: 1. Spike Arrester	Specify Yes/No	Yes	Required	

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		2. Protection against single phase, phase reversal, overvoltage, under-voltage, over travel, over temperature etc.	Specify Yes/No	Yes	Required	
		Feature	Description			
		Light Tower	The light tower should indicate the status of the operation: a red light shall flash, and an alarm will sound in case of fire.	Specify Yes/No	Yes	Required
		Emergency Stop Button	The chamber shall be switched off instantly once the emergency stop button is pressed in case of any fire or alarm	Specify Yes/No	Yes	Required
		Visual and Acoustic Alarm	Appropriate colored lamps and acoustic alarms should be installed to provide clear visual and acoustic indications: - Red: Alarm - Yellow: Warning - Green: Test in progress - Acoustic alarm: With red light flashing (flash rate: 2 times per second). A provision to interface an additional PT100 sensor to the opto-acoustic alarm must be available	Specify Yes/No	Yes	Required

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		Electrical Door Lock System	The door must prevent unauthorized personnel from entering the test space. It must be actively monitored during the test and shall not open during a test, in case of power failure, a fault, or when the main switch is off. The door can be opened manually after the test has ended or stopped.	Specify Yes/No	Yes	Required	
		Plug Protection	Stainless steel covers must be installed outside the chamber ports, fastened with bolts, to ensure plugs remain secured within the ports in the event of overpressure and are not pushed or blown out.	Specify Yes/No	Yes	Required	
		Pressure Relief with Flap	A special overpressure compensation vent with a mechanical, weight-loaded non-return flap must be installed at an appropriate location. The supplier must provide utility requirements to route/duct the exhaust.	Specify Yes/No	Yes	Required	

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		Purge Air Connection	A purge air connection (either compressed air or tubular fan) must be installed on the chamber ceiling to fill the chamber with fresh air before opening, to safely discharge harmful gases. The purge air device shall be activated immediately after a pre-alarm from the gas detection system. The supplier must provide utility requirements for the same.	Specify Yes/No	Yes	Required	
		Fire Detection System	Sensors to detect CO, H2, and O2 levels must be installed. The CO detection range: 0-1000 PPM. Alarm settings: - Pre-Alarm (Alarm 1) at 200 PPM - Main Alarm (Alarm 2) at 800 PPM. Gas sampling must be arranged outside the chamber.	Specify Yes/No	Yes	Required	
		Nitrogen Energization	The test space must be purged with nitrogen gas in case of fire detection to reduce the oxygen level and limit fire propagation. The supplier must provide details on the required N ₂ quantity and necessary line	Specify Yes/No	Yes	Required	

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			installations (N ₂ arrangement is within ICAT's scope).				
15	General Chamber Safety Features & Interlocks	1. Electrical Safety: <ul style="list-style-type: none"> ➤ Mains (Electrical Power) disconnect switch provided on the chamber. ➤ Fuse protection for mains and individual circuits. 	Specify Yes/No	Yes	Required		
		2. Alarm System: <ul style="list-style-type: none"> ➤ Audio/Visual alarm system on the machine and computer for fault reporting. 	Specify Yes/No	Yes	Required		
		3. System Protection: <ul style="list-style-type: none"> ➤ Protection against system malfunction and failure during power failures, surges, low power, fluctuations, or power reversal. ➤ High and low temperature limit system provided. ➤ Temperature limiter in software for T_{min} and T_{max}. ➤ Excess pressure protection in the refrigeration system. ➤ High and low temperature protection for test specimens 	Specify Yes/No	Yes	Required		
		4. Diagnostics & Troubleshooting: <ul style="list-style-type: none"> ➤ Integral fault diagnostic system/auto-diagnosis program with troubleshooting capabilities. 	Specify Yes/No	Yes	Required		
		5. Safety Compressor: <ul style="list-style-type: none"> ➤ Compressors are equipped with in-built overload protection ➤ Heavy-duty fans for compressor head cooling or liquid cooling. ➤ All fans shall be equipped with guards. 	Specify Yes/No	Yes	Required		
		6. Defrosting & Safety Features: <ul style="list-style-type: none"> ➤ Controller with an automatic defrost feature for the cold chamber. 	Specify Yes/No	Yes	Required		

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		<ul style="list-style-type: none"> ➤ Safety relief valves are provided on the refrigeration system. 				
		<p>7. Component Compliance:</p> <ul style="list-style-type: none"> ➤ All electrical and electronic components must be CE marked/Equivalent BIS marked. 	Specify Yes/No	Yes	Required	
		<p>8. Supplier Specifications:</p> <ul style="list-style-type: none"> ➤ Additional safety features (if any) shall be specified by the supplier 	Specify	Yes	Required	
16	Doors and windows	The chambers shall have double swing large door with clear opening of 2.5 m X 2.5 m. This door shall have a heated multilayer glass inspection window of approx. 40cm x 40 cm. The door shall be built and insulated in the same way as the walls. A door frame heating system shall be installed to prevent icing and condensation of the door frame.	Specify Yes/No	Yes	Required	
		The door shall have key lock from the external side.	Specify Yes/No	Yes	Required	
		Sensors for detection of opened doors shall be available. When an open door is detected, an alarm signal shall be sent to the control system and an alarm message shall be displayed. Under these circumstances the test and the climatic chamber shall be stopped or not be able to start.	Specify Yes/No	Yes	Required	
17	Floor & Walls	The thickness of the insulated sandwich panels must be defined by the bidder according to the temperature ranges of the chamber. All joints between panels have to be sealed in some way to avoid problems derived from the water condensation and freezing around those areas. Penetration between panels should heat-bridge free and no thermal weak point (no cam-locks).	Describe	Yes	Required	
		Floor shall be anti-skid.	Specify Yes/No	Yes	Required	
18	Internal System Lighting	The chamber shall have its own illumination system that assures between 400 - 500 lux at +20°C switched from the control panel and from inside the chamber. It shall have too, an emergency lighting system against electrical	Specify Yes/No	Yes	Required	

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		power supply cuts and a external flash light and acoustic signal switched from inside.				
19	Power Supply	<ul style="list-style-type: none"> ➤ 3 Phase, 415V, 50Hz. ➤ Single Phase, 220V. 	Specify Yes/No	Yes	Required	
		(supplier to specify current rating of MCB & cables required).	Specify Yes/No	Yes	Required	
20	Utilities Required.	➤ Air - Supplier to specify.	Specify	Yes	Required	
		➤ Water - Supplier to specify.	Specify	Yes	Required	
		➤ Conditioned Air Supplier to specify.	Specify	Yes	Required	
		➤ DM Water Requirements for Humidity Control (Supplier to specify the DM water Requirements, including: Piping and plumbing connections).	Specify	Yes	Required	
21	Floor Preparation for Installation & Commissioning	<ul style="list-style-type: none"> ➤ Supplier to specify the requirement (if any). 	Specify	Yes	Required	
22	Installation & Commissioning	<ul style="list-style-type: none"> ➤ The supplier shall install the chamber at ICAT Manesar Centre I. Also, the supplier shall demonstrate the working of chamber with Trials in order to complete the Commissioning Process. The supplier will provide training for the operation and maintenance of the chamber, including safety protocols. 	Specify Yes/No	Yes	Required	
23	List of Documents/Calibration Certificates Required	<p>The supplier shall submit the following documents: -</p> <ul style="list-style-type: none"> ➤ Operation Manual of Rig [02 Hard Copies] ➤ Technical Manual with all mechanical drawings & electrical ckt. diagram [02 Hard Copies] ➤ The manual, drawings & Circuits on a CD. ➤ Calibration Certificates (Traceable to NPL/NABL Accredited Lab). ➤ Software: Software CD for the chamber. Free software updates for a minimum of 5 years. ➤ Technical Documentation: Brochures and technical documentation for all components, including 	Specify Yes/No	Yes	Required	

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		refrigeration units and safety systems.				
24	Service Support	Local Support (Delhi NCR) Within NCR Outside NCR & within India	Specify	Yes	Required	
		Response time (in Hours) <24 Hours >24 Hours & < 48 hours	Specify	Yes	Required	
		Experience (Nos. of Year) 3 years (min.) > 3 up to 5 years More than 5 years	Specify	Yes	Required	
26	Bidder's Experience	Past Same/Similar Nature Project (In Last 3 Years before bid submission) 1 Project 2-4 Projects More Than 4 Projects	Specify	Yes	Required	
		Experience (Nos. of Year) 3 Years (Minimum) > 3 Up To 5 Years More Than 5 Years	Specify	Yes	Required	
27	Bidder's Capability	Financial Capability Average Annual Turnover of 6.0 Crores in the past 3 FY: 2022-23, 2023 - 24, 2024-25 6.0 Crores (min.) > 6.0 Crores up to 10Crores- More than 10 Crores-	Specify	Yes	Required	
		Technical Capability	Specify	Yes	Required	
		Project/Work Implementation Plan (Week-wise)	Specify	Yes	Required	
		Utility Matrix (To gauge the bidder's preparedness, infrastructure alignment, and ability to meet project requirements).	Specify	Yes	Required	
		Equipment Footprint	Specify	Yes	Required	
		Team Structure (Organogram/Hierarchy Chart)	Specify	Yes	Required	
		ISO Certification (QMS)	Specify	Yes	Required	